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AND

YEAR-BOOK

1911

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THE CHICAGO DAILY NEWS

ALMANAC

AND YEAR-BOOK

FOR

1911

COMPILED BY JAMES LANGLAND, M. A.

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PREFACE.

Among other matters of special interest contained in the present issue of The Daily News Almanac and Year-Book mention may be made of the following:

The new postal savings bank law of the United States. This is regarded as one of the most important pieces of legislation in recent years, for which reason the text of the act is given in full.

The amendments to the interstate-commerce law, including provisions for a commerce court to supplement the work of the commission.

Details of the old-age and industrial pension systems of various countries of the world. In view of proposed state and national legislation on this subject it is believed that the information given is timely and suggestive.

Results of the thirteenth decennial census of the United States, showing the growth of population in the various states and territories and in the principal cities. The county population will be found in the election tables.

State, congressional and local elections in 1910, showing a marked reversal of political sentiment in many parts of the country.

These are but a few of the many new and old features which should make The Daily News Almanac and Year-Book for 1911 a reference work of exceptional value. It may also be noted that in the effort to add to the general usefulness and comprehensiveness of the book it has been found necessary to increase its size by thirty-two pages, making the total in this issue 640.

Ill. Hist. Survey
REMOTE STORAGE

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CHICAGO DAILY NEWS

ALMANAC AND YEAR-BOOK

1911.

Astronomical calculations prepared by Berlin H. Wright, De Land, Fla., and expressed in mean local time unless otherwise indicated.

THE SEASONS AND SUN'S APPARENT PATH THROUGH THE ZODIAC.

Central standard time.

Sun enters. Sign.	Constellation.		D.	H.	M.		D.	H.	M.	
♑	♐	December	22,	11	04	a. m., 1910..... .....Winter begins and lasts	89	0	42	south of equator.
♒	♑	January	20,	7	35	a. m., 1911				
♓	♒	February	19,	0	12	a. m., 1911				
♈	♓	March	21,	11	46	a. m., 1911.....Spring begins and lasts	92	19	42	north of equator
♉	♈	April	20,	11	28	p. m., 1911				
♊	♉	May	21,	8	12	a. m,, 1911				
♋	♊	June	22,	7	28	a. m., 1911.....Summer begins and lasts	93	14	42	north of equator.
♌	♋	July	23,	6	20	p. m., 1911				
♍	♌	August	24,	1	30	a. m., 1911				
♎	♍	September	23,	10	10	p. m., 1911.....Autumn begins and lasts	89	18	35	south of equator.
♏	♎	October	24,	6	46	a. m., 1911				
♐	♏	November	23,	3	48	a. m., 1911				
♑	♐	December	22,	4	45	p. m., 1911 .....Winter begins. Tropical year	365	5	41	

D.	H.	M.		D.	H.	M.	
89	00	42		92	19	42	
89	18	35		93	14	42	
178	19	17	south of equator.	186	10	24	north of equator.
				178	19	17	
				7	15	7	longer north of the equator than

south of it, owing to the slower motion of the earth (sun's apparent motion) when at and near aphelion

ERAS OF TIME.

The Gregorian year 1911 corresponds to the following eras.

From July 4 the 136th year of the independence of the United States.

The year 8020 of the Greek church beginning Jan. 14.

The year 2571 (nearly) of the Japanese era beginning Jan. 30.

The year 7419-20 of the Byzantine era; year 7420 begins Sept. 1.

The first day of January, 1911, is the 2,419,038th day since the beginning of the Julian period.

CHRONOLOGICAL CYCLES.

Dominical or Sunday letter..	A	Solar cycle.....	16	Dionysian period.....	240
Golden number.....	12	Roman indiction.....	9	Jewish lunar cycle.....	9
Epact (moon's age, Jan. 1)..	30	Julian period.....	6624		

EXPLANATORY NOTE—The Dominical letter or letters (two for leap year), or Sunday letters, indicate the day of the year on which the first Sunday occurs, the first seven letters of the alphabet being used. Thus, for 1910, the Dominical letter is B, the second letter of the alphabet, and hence the second day of the year will be the first Sunday of the year. In leap years two letters are used, the first being for January and February, and the latter, being the preceding letter, answers for the last ten months, in order to maintain the cycle. The rule for obtaining the Dominical letter for any year is somewhat complicated and for that reason is omitted here. The Golden Number is that number of a cycle of nineteen years which shows how many years have elapsed since the new moon fell on Jan. 1, for in nearly nineteen years the solar and lunar years nearly come together. The chief use of this cycle is in fixing the date of Easter, and in this same connection is used the Epact. The Solar Cycle is the number of years that have elapsed since the days of the week fell on the same days of the year, or when there will, therefore, be a recurrence of the Dominical or Sunday Letter. This would be the case every seven years but for leap year, hence four times seven is the cycle, or twenty-eight years. It is the remainder found by adding nine to the year and dividing the sum by twenty-eight. The Roman Indiction is a cycle of fifteen years and is of no utility except to chronologers. It is the remainder found by adding three to the year and dividing by fifteen. The Julian Period is a cycle of 7,980 years and is the product of the three cycles, Golden Number (19), Solar Cycle (28) and Roman Indiction (15), and hence shows the time when these cycles will coincide, or begin at the same time. The first of this cycle will be completed in the year 2267; it is the year + 4713. The Dionysian Period is a cycle of 532 years and is called the great Paschal cycle, being the product of a completed solar and lunar cycle (28×19). It is the remainder found by adding 457 to the year and dividing by 532, and with the Julian Period is chiefly used by chronologers. The Jewish Lunar Cycle is always three less than the Golden Number and is used by the Jews in fixing the time of their festivals.

JEWISH OR HEBREW CALENDAR YEAR 5671-72 A. M.

The year 5671 is the 9th of the 299th cycle of 19 years.

Year.	Month Number.	Month Name.	Day.	Fasts and feasts.	Gregorian date.
5671	4	Tebet	1	Rosh-Chodesh	Saturday-Sunday, Dec. 31, 1910, Jan. 1, 1911
5671	4	Tebet	10	Fast of Tebet	Tuesday, January 10, 1911
5671	5	Sh'vat	1	Rosh-Chodesh	Monday, January 30, 1911
5671	6	Adar	1	Rosh-Chodesh	Tuesday-Wednesday, Feb. 28, March 1, 1911
5671	6	Adar	13	Fast of Esther	Monday, March 13, 1911
5671	6	Adar	14 and 15	Purim	Tuesday, Wednesday, March 14-15, 1911
5671	7	Nissan	1	Rosh-Chodesh	Thursday, March 30, 1911
5671	7	Nissan	15	First day of Passover	Thursday, April 13, 1911
5671	8	Iyar	1	Rosh-Chodesh	Friday, Saturday, April 28, 29, 1911
5671	8	Iyar	18	Lag B'Omer	Tuesday, May 16, 1911
				33d day of Omer.	
5671	9	Sivan	1	Rosh-Chodesh	Sunday, May 28, 1911
5671	9	Sivan	6	First day of Pentecost	Friday, June 2, 1911
5671	10	Tammuz	1	Rosh-Chodesh	Monday-Tuesday, June 26-27, 1911
5671	10	Tammuz	17	Fast of Tammuz	Thursday, July 13, 1911
5671	11	Av or Ab	1	Rosh-Chodesh	Wednesday, July 26, 1911
5671	11	Av or Ab	9	Fast of Av	Thursday, August 3, 1911
5671	12	Ellul	1	Rosh-Chodesh	Thursday-Friday, August 24-25, 1911
5672	1	Tishri	1	1st day of New Year	Saturday, September 23, or at sunset of September 22, 1911
5672	1	Tishri	3	Fast of Gedaliah	Monday, September 25, 1911
5672	1	Tishri	10	Yom Kippoor	Monday, October 2, 1911
5672	1	Tishri	15	First Day of Tabernacle	Saturday, October 7, 1911
5672	1	Tishri	21	Hoshannah-Rabbah	Friday, October 13, 1911
5672	1	Tishri	22	Sh'mini-Atseres	Saturday, October 14, 1911
5672	1	Tishri	23	Simchas-Torah	Sunday, October 15, 1911
5672	2	Chesvan	1	Rosh-Chodesh	Sunday-Monday, October 22-23, 1911
5672	3	Kislev	1	Rosh-Chodesh	Wednesday, Thursday, November 22, 23, 1911
5672	3	Kislev	25	First day of Chanukah	Saturday, December 16, 1911
5672	4	Tebet	1	Rosh-Chodesh	Thursday-Friday, December 21-22, 1911
5672	4	Tebet	10	Fast of Tebet	Sunday, December 31, 1911
5672	5	Sh'vat	1	Rosh-Chodesh	Saturday, Jan. 20, 1912

GREEK CHURCH AND RUSSIAN CALENDAR--A. D. 1911. A. M. 6620.

New style.	Old style.	Holy Days.
Jan. 14	Jan. 1	Circumcision.
Jan. 19	Jan. 6	Theophany (Epiphany).
Feb. 12	Jan. 30	Septuagesima Sunday.
Feb. 15	Feb. 2	Hypopante (Purification).
Feb. 19	Feb. 6	Carnival Sunday.
Mch. 1	Feb. 16	Ash Wednesday.
Mch. 5	Feb. 20	First Sunday in Lent.
April 7	Mch. 25	Annunciation of Theotokos.
April 9	Mch. 27	Palm Sunday.
Apr. 14	April 1	Great (Good) Friday.
Apr. 16	April 3	Holy Pasch (Easter).
May 6	Apr. 23	St. George.
May 22	May 9	St. Nicholas.
May 25	May 12	Ascension.
May 27	May 14	Coronation of Emperor.*
June 4	May 22	Pentecost.
July 12	June 29	Peter and Paul, Chief Apostles.
Aug. 14	Aug. 1	First Day of Theotokos.
Aug. 19	Aug. 6	Transfiguration.
Aug. 28	Aug. 15	Repose of Theotokos.
Sept. 12	Aug. 30	St. Alexander Nevsky.*
Sept. 21	Sept. 8	Nativity of Theotokos.
Sept. 27	Sept. 14	Exaltation of the Cross.
Oct. 14	Oct. 1	Patronage of Theotokos.
Nov. 28	Nov. 15	First Day of Nativity.
Dec. 4	Nov. 21	Entrance of Theotokos.
Dec. 21	Dec. 8	Conception of Theotokos.
1911.		
Jan. 7	Dec. 25	Nativity (Christmas).
Jan. 14	Jan. 1	Circumcision.

*Peculiar to Russia.

CHINESE CALENDAR YEAR 4608.

1st month begins.....January 30
2d month begins.....March 1
3d month begins.....March 30
4th month begins.....April 29
5th month begins.....May 28
6th month begins.....June 26
6th month begins.....July 26
7th month begins.....August 24
8th month begins.....September 22
9th month begins.....October 22
10th month begins.....November 21
11th month begins.....December 20
12th month begins...January 19, 1912

The year 1911 corresponds nearly with the Chinese year 4608, or the forty-eighth year of the seventy-sixth cycle of sixty years; is a leap year, the sixth month being duplicated, and contains 384 days.

MOHAMMEDAN CALENDAR--YEAR 1329-30.

Year.	Month No.	Month Name.	Begins.	Lasts Days.
1329	1	Muharrem	January 2, 1911	30
1329	2	Saphar	February 1	29
1329	3	Rabia I	March 2	30
1329	4	Rabia II	April 1	29
1329	5	Jomhadi I	April 30	30
1329	6	Jomhadi II	May 30	29
1329	7	Rajeb	June 28	30
1329	8	Sheban	July 28	29
1329	9	Ramadan (fasting)	August 26	30
1329	10	Schawall	September 25	29
1329	11	Dulkaeda	October 24	30
1329	12	Dulheggia	November 23	29
1330	1	Muharrem	December 22	30
1330	2	Saphar	January 21, 1912	29

The year 1329 is the 9th of the 45th cycle of 30 years.

EASTER SUNDAY DATES.

1907	March 31	1909	April 11	1911	April 16	1913	March 23
1908	April 19	1910	March 27	1912	April 7	1914	April 13
1915	April 4						
1916	April 23						

The time of the celebration of the principal church days which depend upon Easter is as follows:

Days.	Before Easter.
Septuagesima Sunday	9 weeks
First Sunday in Lent	6 weeks
Ash Wednesday (beginning of Lent)	46 days
Palm Sunday	8 days

Days.	After Easter.
Rogation Sunday	5 weeks
Ascension Day (Holy Thursday)	40 days
Pentecost (Whitsunday)	7 weeks
Trinity Sunday	8 weeks

☽ First Quar., 8th. ☉ Full Moon, 14th. **1st MONTH.** # JANUARY, 1911. **31 DAYS.** ☾ Last Quar., 22d. ● New Moon, 30th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con.	D	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	365	1	SUNDAY..	♑	25	12 3 26	1 1	7 28	4 39	5 27	7 16	4 51	5 40	7 39	4 29	5 14
2	364	2	Monday....	♑	8	12 3 54	1 52	7 28	4 40	6 31	7 16	4 52	6 42	7 39	4 30	6 20
3	363	3	Tuesday....	♒	20	12 4 22	2 42	7 28	4 42	7 39	7 16	4 53	7 48	7 38	4 31	7 30
4	362	4	Wednesday	♒	3	12 4 50	3 30	7 28	4 43	8 48	7 16	4 53	8 54	7 38	4 32	8 42
5	361	5	Thursday...	♓	16	12 5 17	4 16	7 28	4 44	9 56	7 16	4 54	10 0	7 38	4 33	9 53
6	360	6	Friday.....	♓	30	12 5 44	5 2	7 28	4 45	11 7	7 16	4 55	11 8	7 38	4 34	11 5
7	359	7	Saturday...	♈	13	12 6 11	5 47	7 27	4 46	morn	7 16	4 56	morn	7 38	4 35	morn
8	358	8	SUNDAY..	♈	27	12 6 37	6 35	7 27	4 47	14	7 16	4 57	12	7 37	4 36	16
9	357	9	Monday....	♉	11	12 7 2	7 25	7 27	4 48	1 27	7 16	4 58	1 23	7 37	4 37	1 32
10	356	10	Tuesday....	♉	26	12 7 27	8 20	7 27	4 49	2 41	7 16	4 59	2 35	7 37	4 38	2 48
11	355	11	Wednesday	♊	10	12 7 51	9 20	7 27	4 49	3 58	7 16	5 1	3 48	7 37	4 39	4 9
12	354	12	Thursday..	♊	25	12 8 15	10 23	7 26	4 50	5 16	7 15	5 2	5 4	7 36	4 40	5 29
13	353	13	Friday.....	♋	10	12 8 38	11 29	7 26	4 51	6 30	7 15	5 3	6 16	7 36	4 41	6 44
14	352	14	Saturday...	♋	25	12 9 0	morn	7 26	4 52	rises	7 15	5 4	rises	7 36	4 42	rises
15	351	15	SUNDAY..	♌	9	12 9 22	33	7 26	4 54	5 47	7 15	5 5	5 58	7 36	4 44	5 36
16	350	16	Monday....	♌	23	12 9 43	1 32	7 26	4 55	7 1	7 14	5 6	7 9	7 35	4 46	6 52
17	349	17	Tuesday....	♍	7	12 10 4	2 26	7 25	4 56	8 14	7 14	5 7	8 20	7 34	4 47	8 9
18	348	18	Wednesday	♍	20	12 10 23	3 15	7 24	4 58	9 21	7 13	5 8	9 24	7 34	4 48	9 19
19	347	19	Thursday...	♎	3	12 10 42	4 1	7 23	4 59	10 27	7 13	5 9	10 27	7 33	4 49	10 26
20	346	20	Friday.....	♎	16	12 11 1	4 43	7 22	5 0	11 31	7 12	5 10	11 29	7 32	4 50	11 33
21	345	21	Saturday...	♎	28	12 11 18	5 25	7 22	5 1	morn	7 12	5 12	morn	7 31	4 52	morn
22	344	22	SUNDAY..	♏	10	12 11 35	6 6	7 21	5 2	31	7 11	5 13	27	7 30	4 54	36
23	343	23	Monday....	♏	22	12 11 51	6 48	7 20	5 3	1 35	7 11	5 14	1 28	7 29	4 55	1 41
24	342	24	Tuesday....	♐	3	12 12 7	7 33	7 20	5 4	2 38	7 10	5 15	2 29	7 29	4 56	2 47
25	341	25	Wednesday	♐	15	12 12 21	8 20	7 19	5 5	3 41	7 10	5 16	3 30	7 28	4 57	3 52
26	340	26	Thursday...	♐	27	12 12 35	9 9	7 19	5 6	4 43	7 9	5 16	4 30	7 27	4 58	4 56
27	339	27	Friday.....	♑	9	12 12 48	10 1	7 18	5 7	5 42	7 9	5 17	5 28	7 26	4 59	5 56
28	338	28	Saturday...	♑	22	12 13 1	10 53	7 17	5 8	6 34	7 8	5 18	6 20	7 25	5 1	6 48
29	337	29	SUNDAY..	♒	4	12 13 12	11 46	7 16	5 9	7 18	7 8	5 19	7 6	7 24	5 3	7 31
30	336	30	Monday....	♒	17	12 13 23	ev. 37	7 15	5 11	sets	7 7	5 20	sets	7 23	5 5	sets
31	335	31	Tuesday ...	♓	0	12 13 33	1 27	7 15	5 12	6 40	7 6	5 21	6 47	7 22	5 6	6 33

☽ First Quar., 6th. ☉ Full Moon, 13th. **2d MONTH.** # FEBRUARY, 1911. **28 DAYS.** ☾ Last Quar., 20th. ● New Moon, 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con.	D	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
32	334	1	Wednesday	♓	13	12 13 41	2 14	7 14	5 13	7 48	7 5	5 22	7 52	7 21	5 7	7 44
33	333	2	Thursday..	♈	27	12 13 49	3 0	7 12	5 14	8 56	7 4	5 23	8 58	7 20	5 8	8 55
34	332	3	Friday.....	♉	10	12 13 57	3 46	7 11	5 15	10 7	7 3	5 25	10 6	7 19	5 10	10 8
35	331	4	Saturday...	♉	24	12 14 3	4 33	7 10	5 17	11 17	7 2	5 26	11 14	7 17	5 11	11 21
36	330	5	SUNDAY..	♊	8	12 14 9	5 21	7 9	5 19	morn	7 1	5 27	morn	7 16	5 12	morn
37	329	6	Monday....	♊	22	12 14 14	6 13	7 8	5 20	29	7 0	5 28	23	7 15	5 14	36
38	328	7	Tuesday....	♋	6	12 14 17	7 9	7 6	5 21	1 46	6 59	5 29	1 37	7 13	5 15	1 55
39	327	8	Wednesday	♋	20	12 14 21	8 9	7 5	5 23	3 0	6 58	5 30	2 49	7 12	5 16	3 12
40	326	9	Thursday...	♌	5	12 14 23	9 12	7 4	5 24	4 13	6 57	5 32	4 0	7 10	5 18	4 27
41	325	10	Friday..	♌	19	12 14 24	10 15	7 3	5 25	5 20	6 56	5 33	5 6	7 9	5 20	5 34
42	324	11	Saturday...	♍	3	12 14 25	11 16	7 2	5 26	6 26	6 55	5 34	6 13	7 7	5 22	6 40
43	323	12	SUNDAY..	♍	17	12 14 25	morn	7 1	5 27	rises	6 54	5 35	rises	7 5	5 23	rises
44	322	13	Monday....	♎	1	12 14 24	12	7 0	5 28	5 50	6 53	5 36	5 57	7 4	5 24	5 43
45	321	14	Tuesday....	♎	15	12 14 23	1 3	6 59	5 30	7 2	6 51	5 38	7 6	7 3	5 26	6 57
46	320	15	Wednesday	♎	28	12 14 20	1 51	6 58	5 32	8 9	6 50	5 39	8 11	7 2	5 27	8 8
47	319	16	Thursday...	♏	11	12 14 17	2 35	6 56	5 33	9 13	6 49	5 40	9 12	7 1	5 29	9 14
48	318	17	Friday.....	♏	24	12 14 14	3 18	6 54	5 34	10 18	6 48	5 41	10 15	6 59	5 31	10 28
49	317	18	Saturday...	♐	6	12 14 9	4 0	6 52	5 36	11 21	6 46	5 42	11 15	6 57	5 32	11 27
50	316	19	SUNDAY..	♐	18	12 14 4	4 42	6 50	5 38	morn	6 45	5 44	morn	6 55	5 34	morn
51	315	20	Monday....	♑	30	12 13 58	5 26	6 49	5 39	26	6 44	5 45	17	6 54	5 35	34
52	314	21	Tuesday....	♒	11	12 13 52	6 12	6 47	5 40	1 29	6 43	5 46	1 18	6 52	5 36	1 40
53	313	22	Wednesday	♒	23	12 13 45	7 1	6 46	5 41	2 36	6 41	5 47	2 22	6 50	5 38	2 50
54	312	23	Thursday..	♓	5	12 13 37	7 51	6 45	5 43	3 31	6 40	5 48	3 17	6 48	5 39	3 46
55	311	24	Friday.....	♓	17	12 13 29	8 44	6 44	5 44	4 26	6 39	5 49	4 12	6 47	5 40	4 41
56	310	25	Saturday...	♓	30	12 13 20	9 36	6 43	5 45	5 13	6 38	5 50	5 0	6 46	5 42	5 27
57	309	26	SUNDAY..	♈	13	12 13 10	10 28	6 41	5 46	5 53	6 36	5 51	5 40	6 44	5 43	6 4
58	308	27	Monday....	♈	26	12 13 0	11 19	6 39	5 47	6 27	6 35	5 51	6 17	6 43	5 45	6 36
59	307	28	Tuesday....	♉	9	12 12 50	ev. 8	6 38	5 48	sets	6 34	5 52	sets	6 41	5 46	sets

For far western points within any of the above zones of latitude add 2 min. for each hour of longitude to the moon's rising, setting and southing.

For far eastern points subtract 2 min. for each hour of longitude from moon's rising, setting and southing.

☽ First Quar., 7th. ○ Full Moon, 14th. **3d MONTH.** # MARCH, 1911. **31 DAYS.** ☾ Last Quar., 22d. ● New Moon, 30th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. D. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
60	306	1	Wednesday	♓ 23	12 12 38	0 55	6 36	5 50	6 43	6 32	5 54	6 46	6 39	5 48	6 41
61	305	2	Thursday	♈ 6	12 12 27	1 42	6 35	5 51	7 55	6 31	5 55	7 55	6 38	5 49	7 55
62	304	3	Friday	♈ 20	12 12 15	2 29	6 34	5 53	9 7	6 30	5 56	9 4	6 36	5 50	9 9
63	303	4	Saturday	♉ 4	12 12 2	3 18	6 32	5 54	10 21	6 28	5 57	10 15	6 34	5 52	10 27
64	302	5	SUNDAY	♉ 19	12 11 49	4 9	6 30	5 56	11 35	6 26	5 58	11 26	6 32	5 53	11 43
65	301	6	Monday	♊ 3	12 11 35	5 5	6 28	5 57	morn	6 24	5 59	morn	6 30	5 55	morn
66	300	7	Tuesday	♊ 17	12 11 21	6 3	6 26	5 58	53	6 23	6 0	42	6 28	5 56	1 4
67	299	8	Wednesday	♋ 1	12 11 7	7 4	6 24	5 59	2 6	6 21	6 1	1 53	6 27	5 57	2 20
68	298	9	Thursday	♋ 15	12 10 52	8 6	6 22	6 0	3 14	6 19	6 2	3 0	6 25	5 58	3 28
69	297	10	Friday	♌ 29	12 10 36	9 6	6 20	6 1	4 11	6 18	6 3	3 58	6 23	6 0	4 25
70	296	11	Saturday	♍ 13	12 10 21	10 2	6 18	6 3	4 59	6 17	6 4	4 47	6 21	6 2	5 11
71	295	12	SUNDAY	♍ 27	12 10 5	10 54	6 17	6 4	5 36	6 16	6 5	5 26	6 19	6 3	5 45
72	294	13	Monday	♎ 10	12 9 49	11 42	6 15	6 6	6 07	6 14	6 6	6 0	6 17	6 4	6 13
73	293	14	Tuesday	♎ 23	12 9 32	morn	6 13	6 7	rises	6 13	6 7	rises	6 15	6 5	rises
74	292	15	Wednesday	♏ 6	12 9 15	27	6 11	6 7	6 58	6 12	6 7	6 58	6 13	6 6	6 58
75	291	16	Thursday	♏ 19	12 8 59	1 11	6 10	6 8	8 2	6 10	6 8	7 59	6 11	6 7	8 4
76	290	17	Friday	♐ 1	12 8 41	1 53	6 9	6 9	9 6	6 8	6 9	9 1	6 9	6 8	9 11
77	289	18	Saturday	♐ 14	12 8 23	2 36	6 7	6 10	10 10	6 6	6 10	10 3	6 7	6 9	10 18
78	288	19	SUNDAY	♐ 26	12 8 6	3 19	6 5	6 11	11 16	6 4	6 11	11 6	6 5	6 10	11 26
79	287	20	Monday	♑ 7	12 7 49	4 5	6 4	6 12	morn	6 3	6 12	morn	6 3	6 11	morn
80	286	21	Tuesday	♑ 19	12 7 30	4 52	6 2	6 13	18	6 2	6 13	6	6 1	6 13	30
81	285	22	Wednesday	♒ 1	12 7 12	5 42	6 0	6 14	1 19	6 1	6 14	1 6	6 0	6 15	1 33
82	284	23	Thursday	♒ 13	12 6 54	6 33	5 58	6 15	2 16	6 0	6 15	2 1	5 58	6 16	2 30
83	283	24	Friday	♒ 25	12 6 35	7 26	5 56	6 16	3 6	5 59	6 16	2 53	5 56	6 17	3 21
84	282	25	Saturday	♓ 8	12 6 17	8 17	5 54	6 17	3 48	5 57	6 17	3 35	5 54	6 19	4 1
85	281	26	SUNDAY	♓ 21	12 5 59	9 8	5 53	6 19	4 25	5 55	6 18	4 15	5 52	6 20	4 36
86	280	27	Monday	♈ 4	12 5 40	9 57	5 52	6 20	4 54	5 52	6 19	4 46	5 50	6 21	5 2
87	279	28	Tuesday	♈ 17	12 5 22	10 45	5 51	6 21	5 19	5 50	6 20	5 14	5 48	6 22	5 24
88	278	29	Wednesday	♉ 1	12 5 4	11 33	5 50	6 22	5 42	5 49	6 21	5 40	5 46	6 24	5 44
89	277	30	Thursday	♉ 15	12 4 46	ev. 20	5 48	6 24	sets	5 48	6 22	sets	5 44	6 26	sets
90	276	31	Friday	♉ 30	12 4 27	1 10	5 46	6 25	8 3	5 46	6 23	7 58	5 43	6 27	8 7

☽ First Quar., 6th. ○ Full Moon, 13th. **4th MONTH.** # APRIL, 1911. **30 DAYS.** ☾ Last Quar., 21st. ● New Moon, 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. D. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
91	275	1	Saturday	♈ 14	12 4 9	2 2	5 44	6 26	9 21	5 45	6 24	9 13	5 42	6 28	9 28
92	274	2	SUNDAY	♈ 29	12 3 51	2 57	5 43	6 27	10 38	5 43	6 25	10 28	5 40	6 29	10 49
93	273	3	Monday	♉ 13	12 3 33	3 56	5 41	6 28	11 54	5 42	6 26	11 42	5 38	6 30	morn
94	272	4	Tuesday	♉ 28	12 3 16	4 58	5 39	6 29	morn	5 40	6 26	morn	5 36	6 31	7
95	271	5	Wednesday	♊ 12	12 2 58	6 1	5 37	6 30	1 7	5 39	6 27	53	5 34	6 32	1 21
96	270	6	Thursday	♊ 26	12 2 40	7 1	5 35	6 31	2 9	5 37	6 28	1 55	5 32	6 34	2 24
97	269	7	Friday	♋ 10	12 2 23	7 55	5 33	6 32	2 59	5 36	6 29	2 46	5 30	6 35	3 12
98	268	8	Saturday	♋ 23	12 2 6	8 50	5 29	6 34	3 39	5 34	6 30	3 29	5 28	6 36	3 50
99	267	9	SUNDAY	♌ 6	12 1 49	9 39	5 29	6 34	4 10	5 33	6 31	4 2	5 26	6 37	4 18
100	266	10	Monday	♌ 19	12 1 32	10 24	5 27	6 35	4 36	5 31	6 32	4 31	5 24	6 39	4 41
101	265	11	Tuesday	♍ 2	12 1 16	11 7	5 26	6 36	4 58	5 29	6 33	4 55	5 23	6 40	5 0
102	264	12	Wednesday	♍ 15	12 1 0	11 49	5 24	6 37	5 19	5 28	6 34	5 19	5 21	6 41	5 19
103	263	13	Thursday	♍ 27	12 0 44	morn	5 23	6 38	rises	5 26	6 35	rises	5 19	6 42	rises
104	262	14	Friday	♎ 10	12 0 28	31	5 21	6 39	7 58	5 24	6 36	7 51	5 18	6 43	8 4
105	261	15	Saturday	♎ 22	12 0 13	1 14	5 20	6 40	9 2	5 23	6 36	8 53	5 17	6 45	9 11
106	260	16	SUNDAY	♏ 4	11 59 58	1 59	5 19	6 42	10 7	5 22	6 37	9 56	5 15	6 46	10 18
107	259	17	Monday	♏ 15	11 59 43	2 46	5 17	6 43	11 10	5 21	6 38	10 57	5 13	6 47	11 24
108	258	18	Tuesday	♏ 27	11 59 29	3 35	5 16	6 44	morn	5 19	6 39	11 53	5 11	6 48	morn
109	257	19	Wednesday	♐ 9	11 59 16	4 25	5 14	6 45	7	5 18	6 40	morn	5 9	6 49	22
110	256	20	Thursday	♐ 21	11 59 2	5 17	5 12	6 46	59	5 17	6 41	45	5 7	6 51	1 14
111	255	21	Friday	♑ 3	11 58 49	6 8	5 10	6 47	1 45	5 16	6 42	1 32	5 4	6 53	1 59
112	254	22	Saturday	♑ 16	11 58 37	6 58	5 9	6 48	2 22	5 15	6 42	2 10	5 2	6 54	2 34
113	253	23	SUNDAY	♑ 29	11 58 25	7 47	5 7	6 49	2 53	5 14	6 43	2 44	5 0	6 56	3 2
114	252	24	Monday	♒ 12	11 58 13	8 35	5 5	6 50	3 20	5 13	6 44	3 13	4 59	6 57	3 27
115	251	25	Tuesday	♒ 25	11 58 2	9 21	5 4	6 52	3 43	5 11	6 45	3 39	4 58	6 58	3 47
116	250	26	Wednesday	♓ 9	11 57 52	10 8	5 3	6 53	4 6	5 9	6 46	4 5	4 57	6 59	4 7
117	249	27	Thursday	♓ 24	11 57 42	10 57	5 2	6 54	4 30	5 7	6 46	4 31	4 56	7 0	4 29
118	248	28	Friday	♈ 8	11 57 32	11 48	5 0	6 55	4 54	5 5	6 47	4 59	4 54	7 1	4 50
119	247	29	Saturday	♈ 23	11 57 23	ev. 43	4 59	6 56	sets	5 4	6 49	sets	4 52	7 3	sets
120	246	30	SUNDAY	♉ 8	11 57 14	1 42	4 57	6 57	9 34	5 3	6 50	9 22	4 50	7 4	9 46

☽ First Quar., 5th. ☉ Full Moon, 13th. **5th MONTH.** # MAY, 1911. **31 DAYS.** ☾ Last Quar., 21st. ☉ New Moon, 28th.

Day of Year.	Days in Year.	Day of Month	Day of Week.	Moon's Place	Sun at Noon Mark.	Moon in Meridian.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
121	245	1	Monday....	♉ 23	11 57 6	2 48	4 56	6 58	10 39	5 2	6 51	10 30	4 49	7 5	10 49
122	244	2	Tuesday...	♊ 8	11 56 59	3 50	4 55	6 59	12 0	5 1	6 52	11 46	4 48	7 6	morn
123	243	3	Wednesday	♊ 22	11 56 52	4 54	4 54	7 0	morn	5 0	6 53	morn	4 46	7 7	15
124	242	4	Thursday..	♋ 6	11 56 45	5 53	4 53	7 2	56	4 59	6 54	43	4 44	7 8	1 10
125	241	5	Friday.....	♋ 20	11 56 40	6 48	4 52	7 3	1 41	4 58	6 55	1 30	4 43	7 10	1 53
126	240	6	Saturday...	♌ 3	11 56 34	7 37	4 50	7 4	2 14	4 57	6 56	2 5	4 42	7 11	2 22
127	239	7	SUNDAY..	♌ 16	11 56 29	8 23	4 49	7 5	2 41	4 56	6 57	2 36	4 40	7 12	2 47
128	238	8	Monday....	♌ 29	11 56 25	9 6	4 48	7 6	3 4	4 55	6 58	3 1	4 39	7 13	3 7
129	237	9	Tuesday...	♍ 12	11 56 21	9 47	4 46	7 7	3 24	4 54	6 59	3 23	4 38	7 14	3 25
130	236	10	Wednesday	♍ 24	11 56 18	10 29	4 45	7 8	3 43	4 53	7 0	3 45	4 37	7 16	3 41
131	235	11	Thursday..	♎ 6	11 56 16	11 11	4 44	7 9	4 3	4 52	7 0	4 7	4 36	7 17	3 59
132	234	12	Friday.....	♎ 18	11 56 14	11 55	4 42	7 10	4 24	4 51	7 1	4 31	4 35	7 18	4 17
133	233	13	Saturday ..	♏ 0	11 56 12	morn	4 41	7 11	rises	4 50	7 2	rises	4 34	7 19	rises
134	232	14	SUNDAY..	♏ 12	11 56 11	41	4 40	7 12	8 59	4 49	7 3	8 47	4 32	7 20	9 12
135	231	15	Monday....	♏ 24	11 56 11	1 29	4 39	7 13	10 0	4 48	7 3	9 47	4 31	7 21	10 15
136	230	16	Tuesday....	♐ 6	11 56 11	2 20	4 38	7 14	10 55	4 48	7 4	10 41	4 30	7 23	11 10
137	229	17	Wednesday	♐ 18	11 56 12	3 11	4 37	7 15	11 42	4 47	7 5	11 29	4 29	7 24	11 57
138	228	18	Thursday..	♐ 30	11 56 13	4 2	4 36	7 16	morn	4 46	7 6	morn	4 28	7 25	morn
139	227	19	Friday.....	♑ 12	11 56 15	4 52	4 35	7 17	21	4 45	7 7	9	4 27	7 26	33
140	226	20	Saturday ..	♑ 24	11 56 18	5 40	4 34	7 18	55	4 44	7 8	43	4 26	7 27	1 3
141	225	21	SUNDAY..	♒ 7	11 56 21	6 27	4 34	7 19	1 20	4 44	7 9	1 12	4 25	7 28	1 28
142	224	22	Monday....	♒ 20	11 56 25	7 13	4 33	7 20	1 44	4 43	7 10	1 39	4 24	7 29	1 49
143	223	23	Tuesday....	♓ 4	11 56 29	7 58	4 32	7 21	2 7	4 43	7 11	2 4	4 23	7 30	2 9
144	222	24	Wednesday	♓ 18	11 56 34	8 44	4 31	7 22	2 28	4 42	7 12	2 28	4 22	7 31	2 28
145	221	25	Thursday..	♈ 2	11 56 39	9 33	4 30	7 23	2 53	4 42	7 13	2 56	4 21	7 32	2 50
146	220	26	Friday.....	♈ 17	11 56 45	10 26	4 29	7 24	3 19	4 41	7 13	3 25	4 20	7 34	3 12
147	219	27	Saturday...	♉ 2	11 56 51	11 23	4 28	7 25	3 51	4 41	7 14	4 0	4 19	7 35	3 42
148	218	28	SUNDAY..	♉ 17	11 56 58	ev. 26	4 27	7 26	sets	4 40	7 15	sets	4 18	7 36	sets
149	217	29	Monday....	♊ 2	11 57 5	1 32	4 26	7 27	9 40	4 39	7 16	9 26	4 17	7 37	9 55
150	216	30	Tuesday....	♊ 17	11 57 13	2 38	4 26	7 28	10 44	4 39	7 17	10 31	4 16	7 38	10 59
151	215	31	Wednesday	♋ 2	11 57 21	3 42	4 26	7 29	11 36	4 38	7 17	11 25	4 16	7 39	11 49

☽ First Quar., 3d. ☉ Full Moon, 11th. **6th MONTH.** # JUNE, 1911. **30 DAYS.** ☾ Last Quar., 19th. ☉ New Moon, 26th.

Day of Year.	Days in Year	Day of Month	Day of Week.	Moon's Place	Sun at Noon Mark.	Moon in Meridian.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
152	214	1	Thursday..	♋ 16	11 57 30	4 40	4 25	7 29	morn	4 38	7 18	morn	4 15	7 40	morn
153	213	2	Friday.....	♋ 30	11 57 39	5 33	4 25	7 30	15	4 38	7 19	6	4 15	7 41	25
154	212	3	Saturday ..	♌ 13	11 57 48	6 21	4 25	7 30	44	4 38	7 19	37	4 14	7 41	51
155	211	4	SUNDAY..	♌ 26	11 57 58	7 5	4 25	7 31	1 9	4 37	7 20	1 05	4 14	7 42	1 12
156	210	5	Monday....	♍ 9	11 58 8	7 47	4 24	7 31	1 30	4 37	7 20	1 29	4 14	7 42	1 32
157	209	6	Tuesday....	♍ 21	11 58 18	8 28	4 24	7 32	1 51	4 37	7 21	1 52	4 13	7 43	1 50
158	208	7	Wednesday	♎ 3	11 58 29	9 10	4 24	7 33	2 10	4 37	7 21	2 13	4 13	7 43	2 6
159	207	8	Thursday...	♎ 15	11 58 40	9 53	4 24	7 33	2 30	4 36	7 22	2 36	4 13	7 44	2 24
160	206	9	Friday.....	♎ 27	11 58 51	10 38	4 23	7 34	2 53	4 36	7 22	3 2	4 13	7 44	2 45
161	205	10	Saturday ..	♏ 9	11 59 3	11 26	4 23	7 34	3 21	4 36	7 23	3 31	4 12	7 45	3 10
162	204	11	SUNDAY..	♏ 21	11 59 15	morn	4 23	7 35	rises	4 36	7 24	rises	4 12	7 46	rises
163	203	12	Monday....	♐ 3	11 59 27	15	4 23	7 36	8 48	4 36	7 24	8 34	4 12	7 47	9 3
164	202	13	Tuesday....	♐ 15	11 59 39	1 6	4 23	7 37	9 40	4 36	7 25	9 26	4 12	7 47	9 54
165	201	14	Wednesday	♐ 27	11 59 51	1 58	4 23	7 37	10 22	4 36	7 25	10 9	4 12	7 48	10 35
166	200	15	Thursday..	♑ 9	12 0 4	2 48	4 23	7 38	10 56	4 36	7 25	10 45	4 12	7 49	11 7
167	199	16	Friday.....	♑ 21	12 0 16	3 37	4 23	7 38	11 26	4 36	7 26	11 17	4 12	7 50	11 35
168	198	17	Saturday ..	♒ 3	12 0 29	4 23	4 23	7 39	11 48	4 36	7 26	11 42	4 12	7 50	11 54
169	197	18	SUNDAY..	♒ 16	12 0 42	5 8	4 23	7 39	morn	4 36	7 26	morn	4 12	7 51	morn
170	196	19	Monday....	♒ 29	12 0 55	5 53	4 23	7 39	11	4 36	7 26	8	4 12	7 51	14
171	195	20	Tuesday....	♓ 13	12 1 8	6 37	4 23	7 39	32	4 36	7 26	31	4 12	7 51	33
172	194	21	Wednesday	♓ 26	12 1 21	7 23	4 24	7 40	53	4 36	7 26	55	4 12	7 51	51
173	193	22	Thursday..	♈ 11	12 1 34	8 12	4 24	7 40	1 17	4 37	7 27	1 22	4 13	7 51	1 12
174	192	23	Friday.....	♈ 25	12 1 47	9 5	4 24	7 40	1 45	4 37	7 27	1 53	4 13	7 51	1 37
175	191	24	Saturday...	♉ 10	12 2 0	10 4	4 24	7 40	2 21	4 37	7 27	2 32	4 13	7 51	2 10
176	190	25	SUNDAY..	♉ 25	12 2 13	11 8	4 24	7 40	3 8	4 37	7 27	3 21	4 13	7 51	2 55
177	189	26	Monday....	♊ 11	12 2 26	ev. 16	4 25	7 40	sets	4 38	7 27	sets	4 13	7 51	sets
178	188	27	Tuesday....	♊ 26	12 2 39	1 23	4 25	7 40	9 23	4 38	7 27	9 10	4 14	7 51	9 36
179	187	28	Wednesday	♋ 11	12 2 51	2 25	4 25	7 40	10 8	4 38	7 27	9 57	4 14	7 51	10 19
180	186	29	Thursday..	♋ 25	12 3 4	3 22	4 25	7 40	10 42	4 39	7 27	10 35	4 14	7 51	10 50
181	185	30	Friday.....	♌ 9	12 3 16	4 14	4 26	7 40	11 11	4 40	7 27	11 6	4 15	7 51	11 16

☽ First Quar, 3d. ☉ Full Moon, 11th. **7th MONTH.** # JULY, 1911. **31 DAYS.** ☾ Last Quar. 18th. ☿ New Moon 25th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N.Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
182	184	1	Saturday..	♌ 22	12 3 28	5 1	4 27	7 40	11 35	4 40	7 27	11 32	4 16	7 51	11 37
183	183	2	SUNDAY..	♍ 5	12 3 40	5 44	4 28	7 40	11 54	4 40	7 27	11 54	4 17	7 51	11 54
184	182	3	Monday....	♍ 18	12 3 51	6 27	4 29	7 40	morn	4 41	7 27	morn	4 18	7 51	morn
185	181	4	Tuesday....	♎ 0	12 4 2	7 9	4 29	7 40	15	4 41	7 27	18	4 18	7 51	12
186	180	5	Wednesday	♎ 12	12 4 13	7 51	4 30	7 40	35	4 42	7 27	40	4 19	7 51	29
187	179	6	Thursday..	♎ 24	12 4 23	8 36	4 31	7 39	47	4 43	7 26	54	4 20	7 50	39
188	178	7	Friday.....	♏ 6	12 4 33	9 22	4 32	7 39	1 23	4 43	7 26	1 35	4 21	7 50	1 13
189	177	8	Saturday..	♏ 18	12 4 43	10 11	4 32	7 39	1 53	4 44	7 26	2 5	4 21	7 50	1 41
190	176	9	SUNDAY..	♏ 30	12 4 52	11 2	4 33	7 39	2 32	4 44	7 25	2 46	4 22	7 49	2 18
191	175	10	Monday....	♐ 12	12 5 1	11 54	4 33	7 38	3 20	4 45	7 25	3 34	4 22	7 49	3 5
192	174	11	Tuesday....	♐ 24	12 5 10	morn	4 34	7 37	rises	4 46	7 24	rises	4 23	7 48	rises
193	173	12	Wednesday	♑ 6	12 5 18	45	4 35	7 37	8 58	4 46	7 24	8 46	4 24	7 47	9 10
194	172	13	Thursday..	♑ 18	12 5 25	1 34	4 35	7 36	9 27	4 47	7 24	9 18	4 24	7 46	9 36
195	171	14	Friday.....	♒ 0	12 5 35	2 22	4 36	7 36	9 53	4 47	7 23	9 47	4 25	7 46	10 0
196	170	15	Saturday..	♒ 13	12 5 39	3 7	4 36	7 35	10 15	4 48	7 23	10 11	4 26	7 45	10 20
197	169	16	SUNDAY..	♒ 26	12 5 46	3 51	4 37	7 34	10 35	4 49	7 22	10 33	4 27	7 44	10 37
198	168	17	Monday....	♓ 9	12 5 51	4 34	4 38	7 34	10 57	4 50	7 21	10 58	4 28	7 43	10 56
199	167	18	Tuesday....	♓ 22	12 5 57	5 19	4 39	7 33	11 19	4 51	7 21	11 23	4 29	7 42	11 15
200	166	19	Wednesday	♈ 6	12 6 1	6 5	4 39	7 33	11 45	4 51	7 20	11 52	4 30	7 42	11 39
201	165	20	Thursday..	♈ 20	12 6 6	6 55	4 40	7 32	morn	4 52	7 20	morn	4 31	7 41	morn
202	164	21	Friday.....	♉ 4	12 6 9	7 49	4 41	7 31	16	4 53	7 19	25	4 32	7 40	6
203	163	22	Saturday..	♉ 19	12 6 12	8 49	4 42	7 30	56	4 54	7 19	1 8	4 33	7 39	43
204	162	23	SUNDAY..	♊ 4	12 6 15	9 54	4 43	7 29	1 46	4 54	7 18	1 59	4 34	7 38	1 31
205	161	24	Monday....	♊ 19	12 6 17	11 1	4 44	7 28	2 53	4 55	7 17	3 7	4 35	7 37	2 38
206	160	25	Tuesday....	♋ 4	12 6 18	ev. 6	4 45	7 27	sets	4 56	7 16	sets	4 36	7 36	sets
207	159	26	Wednesday	♋ 19	12 6 19	1 6	4 46	7 26	8 38	4 57	7 15	8 29	4 37	7 35	8 47
208	158	27	Thursday..	♌ 3	12 6 20	2 1	4 47	7 25	9 9	4 58	7 14	9 3	4 38	7 34	9 15
209	157	28	Friday.....	♌ 17	12 6 20	2 51	4 48	7 24	9 34	4 59	7 13	9 30	4 39	7 33	9 37
210	156	29	Saturday..	♍ 1	12 6 18	3 38	4 49	7 23	9 57	4 59	7 12	9 57	4 40	7 32	9 58
211	155	30	SUNDAY..	♍ 14	12 6 17	4 21	4 50	7 22	10 17	5 0	7 12	10 19	4 41	7 31	10 15
212	154	31	Monday....	♍ 27	12 6 15	5 4	4 51	7 21	10 38	5 1	7 11	10 42	4 42	7 30	10 38

☽ First Quar., 1st. ☉ Full Moon, 9th. **8th MONTH.** # AUGUST, 1911. **31 DAYS.** ☾ Last Quar., 17th. ☿ New Moon, 23d. ☽ First Quar., 31st.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N.Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
213	153	1	Tuesday....	♎ 9	12 6 12	5 48	4 52	7 19	11 0	5 2	7 10	11 7	4 43	7 29	10 53
214	152	2	Wednesday	♎ 21	12 6 8	6 32	4 53	7 18	11 25	5 2	7 9	11 34	4 44	7 27	11 15
215	151	3	Thursday..	♏ 3	12 6 4	7 18	4 54	7 17	11 54	5 3	7 8	morn	4 45	7 25	11 42
216	150	4	Friday.....	♏ 15	12 6 0	8 6	4 54	7 16	morn	5 4	7 7	6	4 46	7 24	morn
217	149	5	Saturday...	♏ 26	12 5 54	8 57	4 55	7 15	29	5 5	7 6	42	4 47	7 22	15
218	148	6	SUNDAY..	♐ 8	12 5 48	9 48	4 56	7 14	1 15	5 6	7 5	1 29	4 49	7 20	1 0
219	147	7	Monday....	♐ 20	12 5 42	10 40	4 57	7 13	2 6	5 7	7 4	2 20	4 50	7 19	1 51
220	146	8	Tuesday....	♑ 3	12 5 35	11 30	4 59	7 12	3 5	5 7	7 3	3 18	4 51	7 18	2 51
221	145	9	Wednesday	♑ 15	12 5 27	morn	5 0	7 10	rises	5 8	7 2	rises	4 53	7 17	rises
222	144	10	Thursday...	♑ 27	12 5 19	18	5 1	7 9	7 57	5 9	7 1	7 49	4 54	7 15	8 4
223	143	11	Friday.....	♒ 10	12 5 10	1 5	5 2	7 7	8 21	5 10	7 0	8 16	4 55	7 14	8 26
224	142	12	Saturday..	♒ 23	12 5 1	1 50	5 3	7 6	8 42	5 11	6 59	8 39	4 56	7 13	8 44
225	141	13	SUNDAY..	♓ 6	12 4 51	2 34	5 4	7 5	9 2	5 12	6 57	9 2	4 58	7 12	9 2
226	140	14	Monday....	♓ 19	12 4 40	3 18	5 5	7 4	9 23	5 13	6 55	9 26	4 59	7 10	9 20
227	139	15	Tuesday....	♈ 3	12 4 29	4 3	5 6	7 3	9 51	5 14	6 54	9 56	5 0	7 9	9 45
228	138	16	Wednesday	♈ 16	12 4 17	4 51	5 7	7 2	10 15	5 15	6 53	10 24	5 2	7 8	10 6
229	137	17	Thursday..	♉ 2	12 4 5	5 42	5 8	7 1	10 51	5 16	6 51	11 2	5 3	7 6	10 39
230	136	18	Friday.....	♉ 15	12 3 53	6 39	5 9	6 59	11 36	5 16	6 50	11 49	5 4	7 4	11 22
231	135	19	Saturday...	♊ 29	12 3 40	7 40	5 10	6 57	morn	5 17	6 49	morn	5 5	7 3	morn
232	134	20	SUNDAY..	♊ 14	12 3 26	8 44	5 11	6 55	33	5 18	6 48	47	5 6	7 1	18
233	133	21	Monday....	♋ 28	12 3 12	9 48	5 12	6 53	1 42	5 19	6 46	1 55	5 7	7 0	1 27
234	132	22	Tuesday....	♌ 13	12 2 58	10 50	5 13	6 51	2 50	5 20	6 44	3 10	5 8	6 58	2 47
235	131	23	Wednesday	♌ 27	12 2 43	11 47	5 14	6 50	4 7	5 21	6 43	4 16	5 9	6 56	3 58
236	130	24	Thursday..	♍ 12	12 2 27	ev. 39	5 15	6 49	sets	5 22	6 42	sets	5 10	6 54	sets
237	129	25	Friday.....	♍ 25	12 2 12	1 27	5 16	6 47	7 57	5 23	6 40	7 55	5 11	6 52	7 59
238	128	26	Saturday...	♎ 9	12 1 55	2 13	5 17	6 45	8 18	5 24	6 39	8 19	5 12	6 50	8 17
239	127	27	SUNDAY..	♎ 22	12 1 39	2 57	5 18	6 44	8 40	5 25	6 37	8 44	5 14	6 48	8 37
240	126	28	Monday....	♏ 5	12 1 22	3 41	5 20	6 43	9 1	5 26	6 36	9 7	5 16	6 46	8 55
241	125	29	Tuesday....	♏ 17	12 1 4	4 25	5 21	6 41	9 24	5 27	6 35	9 33	5 17	6 45	9 15
242	124	30	Wednesday	♐ 29	12 0 47	5 11	5 22	6 39	9 52	5 28	6 34	10 3	5 18	6 43	9 41
243	123	31	Thursday..	♑ 11	12 0 28	5 59	5 23	6 37	10 25	5 28	6 33	10 38	5 19	6 41	10 12

Full Moon, 8th. Last Quar., 15th. **9th MONTH. SEPTEMBER, 1911.** 30 DAYS New Moon, 22d. First Quar., 30th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
244	122	1	Friday.....	♏ 23	12 0 10	6 49	5 24	6 36	11 7	5 29	6 32	11 21	5 20	6 39	10 52
245	121	2	Saturday..	♐ 5	11 59 51	7 41	5 25	6 34	11 57	5 29	6 30	morn	5 21	6 38	11 42
246	120	3	SUNDAY..	♐ 17	11 59 32	8 32	5 26	6 32	morn	5 30	6 29	11	5 23	6 36	morn
247	119	4	Monday....	♐ 29	11 59 13	9 23	5 27	6 30	53	5 31	6 27	1 7	5 24	6 34	39
248	118	5	Tuesday....	♑ 11	11 58 53	10 12	5 28	6 29	1 57	5 32	6 25	2 9	5 25	6 32	1 44
249	117	6	Wednesday	♑ 23	11 58 33	11 0	5 29	6 27	3 1	5 33	6 23	3 21	5 26	6 30	2 51
250	116	7	Thursday..	♒ 6	11 58 13	11 46	5 30	6 25	4 11	5 34	6 22	4 17	5 28	6 28	4 3
251	115	8	Friday.....	♒ 19	11 57 53	morn	5 31	6 24	rises	5 35	6 21	rises	5 29	6 26	rises
252	114	9	Saturday..	♓ 2	11 57 32	30	5 32	6 22	7 7	5 36	6 19	7 6	5 30	6 24	7 7
253	113	10	SUNDAY..	♓ 16	11 57 11	1 15	5 33	6 20	7 28	5 37	6 17	7 30	5 31	6 22	7 26
254	112	11	Monday....	♓ 30	11 56 50	2 0	5 34	6 18	7 52	5 37	6 15	7 57	5 32	6 20	7 47
255	111	12	Tuesday....	♈ 13	11 56 30	2 48	5 35	6 16	8 18	5 38	6 14	8 26	5 33	6 18	8 10
256	110	13	Wednesday	♈ 27	11 56 8	3 39	5 36	6 15	8 50	5 39	6 13	9 0	5 34	6 17	8 39
257	109	14	Thursday...	♉ 11	11 55 47	4 34	5 37	6 13	9 32	5 40	6 12	9 45	5 35	6 15	9 18
258	108	15	Friday.....	♉ 25	11 55 26	5 33	5 38	6 11	10 24	5 41	6 10	10 38	5 36	6 13	10 9
259	107	16	Saturday..	♊ 10	11 55 5	6 35	5 39	6 9	11 29	5 42	6 8	11 43	5 37	6 11	11 14
260	106	17	SUNDAY...	♊ 24	11 54 44	7 38	5 41	6 7	morn	5 43	6 6	morn	5 39	6 9	morn
261	105	18	Monday....	♋ 8	11 54 23	8 39	5 42	6 6	40	5 44	6 4	52	5 41	6 7	27
262	104	19	Tuesday....	♋ 22	11 54 1	9 36	5 43	6 4	1 55	5 45	6 3	2 5	5 42	6 5	1 44
263	103	20	Wednesday	♌ 6	11 53 40	10 29	5 44	6 2	3 12	5 46	6 1	3 19	5 43	6 3	3 4
264	102	21	Thursday...	♌ 20	11 53 19	11 18	5 45	6 0	4 26	5 47	6 0	4 30	5 44	6 1	4 21
265	101	22	Friday.....	♍ 4	11 52 58	ev. 4	5 46	5 59	sets	5 47	5 59	sets	5 46	6 0	sets
266	100	23	Saturday..	♍ 17	11 52 37	49	5 47	5 58	6 41	5 48	5 57	6 44	5 47	5 58	6 39
267	99	24	SUNDAY...	♍ 30	11 52 16	1 33	5 48	5 56	7 2	5 49	5 55	7 7	5 48	5 56	6 57
268	98	25	Monday....	♎ 12	11 51 56	2 18	5 49	5 54	7 25	5 50	5 53	7 33	5 49	5 54	7 17
269	97	26	Tuesday....	♎ 25	11 51 35	3 3	5 50	5 52	7 51	5 51	5 51	8 1	5 50	5 52	7 40
270	96	27	Wednesday	♏ 7	11 51 15	3 51	5 51	5 50	8 22	5 52	5 50	8 34	5 52	5 50	8 10
271	95	28	Thursday..	♏ 19	11 50 55	4 41	5 52	5 49	9 1	5 53	5 49	9 14	5 53	5 48	8 46
272	94	29	Friday.....	♐ 1	11 50 35	5 32	5 53	5 47	9 46	5 54	5 47	10 0	5 54	5 46	9 31
273	93	30	Saturday...	♐ 13	11 50 15	6 23	5 54	5 45	10 41	5 55	5 45	10 55	5 55	5 44	10 26

Full Moon, 7th. Last Quar., 14th. **10th MONTH. OCTOBER, 1911.** 31 DAYS. New Moon, 21st. First Quar., 30th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
274	92	1	SUNDAY..	♐ 25	11 49 55	7 14	5 56	5 44	11 40	5 56	5 43	11 53	5 57	5 42	11 27
275	91	2	Monday....	♑ 7	11 49 36	8 4	5 57	5 42	morn	5 56	5 42	morn	5 58	5 40	morn
276	90	3	Tuesday....	♑ 19	11 49 17	8 52	5 58	5 40	45	5 57	5 41	56	5 59	5 39	34
277	89	4	Wednesday	♒ 2	11 48 58	9 38	5 59	5 38	1 52	5 58	5 40	2 1	6 0	5 38	1 44
278	88	5	Thursday...	♒ 15	11 48 40	10 23	6 0	5 37	3 1	5 59	5 38	3 6	6 1	5 36	2 55
279	87	6	Friday.....	♒ 28	11 48 22	11 8	6 1	5 35	4 9	6 0	5 36	4 12	6 2	5 34	4 6
280	86	7	Saturday..	♓ 11	11 48 4	11 54	6 2	5 33	5 18	6 1	5 34	5 18	6 4	5 32	5 18
281	85	8	SUNDAY...	♓ 25	11 47 47	morn	6 3	5 32	rises	6 2	5 33	rises	6 5	5 30	rises
282	84	9	Monday....	♈ 9	11 47 30	42	6 4	5 30	6 20	6 3	5 31	6 27	6 6	5 28	6 13
283	83	10	Tuesday....	♈ 23	11 47 14	1 33	6 5	5 28	6 51	6 4	5 29	7 1	6 7	5 26	6 41
284	82	11	Wednesday	♉ 8	11 46 58	2 28	6 7	5 26	7 31	6 5	5 28	7 43	6 8	5 24	7 18
285	81	12	Thursday...	♉ 22	11 46 43	3 27	6 8	5 25	8 20	6 6	5 27	8 34	6 10	5 22	8 5
286	80	13	Friday.. ...	♊ 6	11 46 28	4 29	6 9	5 23	9 20	6 7	5 26	9 35	6 12	5 20	9 6
287	79	14	Saturday....	♊ 21	11 46 13	5 32	6 10	5 21	10 29	6 8	5 24	10 42	6 13	5 19	10 15
288	78	15	SUNDAY...	♋ 5	11 45 59	6 33	6 11	5 19	11 43	6 9	5 23	11 54	6 14	5 17	11 32
289	77	16	Monday....	♋ 19	11 45 46	7 31	6 12	5 18	morn	6 10	5 22	morn	6 16	5 16	morn
290	76	17	Tuesday....	♌ 2	11 45 33	8 24	6 13	5 17	58	6 11	5 20	1 7	6 17	5 14	50
291	75	18	Wednesday	♌ 16	11 45 21	9 13	6 14	5 16	2 11	6 12	5 19	2 17	6 18	5 12	2 6
292	74	19	Thursday..	♌ 29	11 45 10	9 59	6 15	5 15	3 19	6 13	5 18	3 22	6 19	5 10	3 16
293	73	20	Friday.....	♍ 13	11 44 59	10 43	6 16	5 13	4 30	6 14	5 17	4 30	6 21	5 8	4 30
294	72	21	Saturday..	♍ 25	11 44 49	11 27	6 18	5 11	5 36	6 15	5 16	5 34	6 22	5 7	5 38
295	71	22	SUNDAY...	♎ 8	11 44 39	ev. 11	6 19	5 9	sets	6 16	5 14	sets	6 24	5 5	sets
296	70	23	Monday....	♎ 21	11 44 30	56	6 21	5 7	5 53	6 17	5 12	6 3	6 25	5 3	5 44
297	69	24	Tuesday....	♏ 3	11 44 22	1 44	6 22	5 6	6 22	6 18	5 11	6 33	6 27	5 2	6 10
298	68	25	Wednesday	♏ 15	11 44 14	2 32	6 24	5 4	6 55	6 19	5 10	7 8	6 28	5 1	6 41
299	67	26	Thursday..	♏ 27	11 44 8	3 23	6 25	5 2	7 39	6 19	5 8	7 53	6 30	4 59	7 24
300	66	27	Friday.....	♐ 9	11 44 1	4 14	6 26	5 1	8 28	6 20	5 7	8 43	6 31	4 57	8 12
301	65	28	Saturday...	♐ 20	11 43 56	5 5	6 27	5 0	9 26	6 21	5 6	9 40	6 32	4 55	9 12
302	64	29	SUNDAY...	♑ 2	11 43 51	5 55	6 28	4 59	10 29	6 22	5 5	10 41	6 33	4 54	10 17
303	63	30	Monday....	♑ 14	11 43 47	6 43	6 29	4 58	11 35	6 23	5 4	11 45	6 34	4 53	11 25
304	62	31	Tuesday....	♑ 27	11 43 44	7 29	6 30	4 57	morn	6 24	5 3	morn	6 36	4 51	morn

☉ Full Moon, 6th. ☾ Last Quar., 13th. 11th MONTH. **NOVEMBER, 1911.** 30 DAYS. ☽ New Moon, 20th. ☽ First Quar., 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK,	MOON IN MERIDIAN	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
305	61	1	Wednesday	♑ 9	11 43 42	8 14	6 31	4 55	0 41	6 26	5 1	0 48	6 38	4 49	0 34
306	60	2	Thursday..	♑ 22	11 43 40	8 58	6 33	4 54	1 48	6 27	5 0	1 53	6 39	4 48	1 44
307	59	3	Friday.....	♒ 6	11 43 39	9 43	6 34	4 53	2 56	6 28	4 59	2 57	6 40	4 47	2 54
308	58	4	Saturday...	♒ 19	11 43 39	10 30	6 35	4 52	4 5	6 29	4 58	4 4	6 41	4 45	4 6
309	57	5	SUNDAY..	♓ 4	11 43 40	11 20	6 36	4 50	5 15	6 30	4 57	5 12	6 42	4 43	5 18
310	56	6	Monday....	♓ 18	11 43 42	morn	6 37	4 49	rises	6 31	4 56	rises	6 44	4 42	rises
311	55	7	Tuesday....	♈ 3	11 43 44	14	6 38	4 48	5 26	6 32	4 55	5 37	6 45	4 41	5 14
312	54	8	Wednesday	♈ 18	11 43 47	1 14	6 39	4 47	6 12	6 33	4 54	6 26	6 46	4 40	5 58
313	53	9	Thursday...	♉ 2	11 43 51	2 17	6 40	4 46	7 11	6 34	4 53	7 27	6 47	4 39	6 56
314	52	10	Friday.....	♉ 17	11 43 56	3 23	6 41	4 45	8 18	6 35	4 53	8 32	6 48	4 38	8 4
315	51	11	Saturday..	♊ 1	11 44 2	4 26	6 43	4 44	9 33	6 37	4 52	9 45	6 50	4 36	9 21
316	50	12	SUNDAY..	♊ 16	11 44 9	5 26	6 44	4 43	10 48	6 38	4 51	10 57	6 52	4 35	10 39
317	49	13	Monday....	♋ 29	11 44 17	6 21	6 45	4 42	morn	6 39	4 50	morn	6 53	4 34	11 55
318	48	14	Tuesday....	♋ 13	11 44 25	7 11	6 46	4 41	2	6 40	4 50	8	6 55	4 33	morn
319	47	15	Wednesday	♋ 26	11 44 34	7 57	6 48	4 40	1 13	6 41	4 49	1 16	6 56	4 32	1 9
320	46	16	Thursday..	♌ 9	11 44 44	8 41	6 49	4 39	2 19	6 42	4 49	2 20	6 58	4 31	2 18
321	45	17	Friday.....	♌ 22	11 44 55	9 24	6 51	4 38	3 26	6 43	4 48	3 25	6 59	4 30	3 28
322	44	18	Saturday..	♍ 4	11 45 7	10 7	6 52	4 38	4 32	6 44	4 47	4 27	7 0	4 30	4 36
323	43	19	SUNDAY..	♍ 17	11 45 20	10 51	6 54	4 37	5 39	6 45	4 47	5 32	7 2	4 29	5 46
324	42	20	Monday....	♎ 29	11 45 34	11 37	6 55	4 37	6 44	6 46	4 46	6 35	7 3	4 28	6 54
325	41	21	Tuesday....	♏ 11	11 45 48	ev. 26	6 56	4 36	sets	6 47	4 45	sets	7 5	4 27	sets
326	40	22	Wednesday	♏ 23	11 46 3	1 16	6 57	4 35	5 34	6 48	4 45	5 48	7 6	4 26	5 19
327	39	23	Thursday..	♐ 5	11 46 19	2 7	6 58	4 34	6 21	6 49	4 44	6 36	7 7	4 26	6 6
328	38	24	Friday.....	♐ 17	11 46 36	2 59	6 59	4 33	7 17	6 50	4 44	7 29	7 9	4 25	7 2
329	37	25	Saturday..	♐ 29	11 46 53	3 49	7 0	4 33	8 17	6 51	4 43	8 30	7 10	4 24	8 4
330	36	26	SUNDAY..	♑ 11	11 47 12	4 37	7 1	4 32	9 21	6 52	4 43	9 32	7 11	4 23	9 11
331	35	27	Monday....	♑ 23	11 47 31	5 23	7 3	4 31	10 24	6 53	4 42	10 32	7 12	4 22	10 16
332	34	28	Tuesday....	♒ 5	11 47 50	6 7	7 4	4 31	11 33	6 54	4 42	11 38	7 13	4 22	11 27
333	33	29	Wednesday	♒ 17	11 48 11	6 50	7 5	4 31	morn	6 55	4 42	morn	7 14	4 21	morn
334	32	30	Thursday .	♓ 0	11 48 32	7 33	7 6	4 31	37	6 56	4 42	40	7 15	4 21	34

☉ Full Moon, 5th. ☾ Last Quar., 12th. 12th MONTH. **DECEMBER, 1911.** 31 DAYS. ☽ New Moon, 20th. ☽ First Quar., 28th.

DAY OF YEAR.	DAYS IN YEAR.	DAY OF MONTH	DAY OF WEEK.	MOON'S PLACE	SUN AT NOON MARK.	MOON IN MERIDIAN.	Chicago, Iowa, Neb., N. Y., Pa., S. Wis., S. Mich., N. Ill., Ind., O.			St. Louis, S. Ill., Va., Ky., Mo., Kas., Col., Cal., Ind., Ohio.			St. Paul, N. E. Wis. and Mich., N. E. New York, Minn., Ore.		
							Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.	Sun rises.	Sun sets.	Moon sets and rises.
				Con. D.	H. M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
335	31	1	Friday.....	♓ 14	11 48 54	8 18	7 7	4 31	1 44	6 57	4 41	1 44	7 16	4 21	1 44
336	30	2	Saturday...	♓ 27	11 49 16	9 5	7 8	4 30	2 53	6 58	4 41	2 51	7 17	4 20	2 55
337	29	3	SUNDAY..	♈ 11	11 49 39	9 57	7 9	4 30	4 5	6 59	4 41	4 0	7 18	4 20	4 10
338	28	4	Monday....	♈ 26	11 50 3	10 54	7 10	4 30	5 22	7 0	4 41	5 14	7 19	4 19	5 31
339	27	5	Tuesday....	♉ 11	11 50 27	11 56	7 11	4 29	6 41	7 1	4 41	6 31	7 20	4 19	6 53
340	26	6	Wednesday	♉ 26	11 50 52	morn	7 12	4 29	rises	7 2	4 41	rises	7 22	4 19	rises
341	25	7	Thursday..	♊ 11	11 51 17	1 3	7 13	4 29	6 0	7 3	4 41	6 14	7 23	4 19	5 45
342	24	8	Friday.....	♊ 26	11 51 43	2 11	7 14	4 29	7 16	7 4	4 41	7 28	7 24	4 19	7 3
343	23	9	Saturday..	♋ 11	11 52 9	3 15	7 15	4 29	8 34	7 5	4 41	8 44	7 25	4 19	8 24
344	22	10	SUNDAY..	♋ 26	11 52 36	4 14	7 16	4 29	9 50	7 6	4 41	9 57	7 26	4 19	9 42
345	21	11	Monday....	♌ 10	11 53 3	5 7	7 17	4 29	11 3	7 6	4 41	11 7	7 27	4 19	10 58
346	20	12	Tuesday....	♌ 23	11 53 31	5 55	7 18	4 29	morn	7 7	4 41	morn	7 28	4 19	morn
347	19	13	Wednesday	♍ 6	11 53 59	6 40	7 19	4 29	11	7 8	4 42	13	7 29	4 19	10
348	18	14	Thursday...	♍ 19	11 54 27	7 23	7 20	4 29	1 17	7 9	4 42	1 16	7 30	4 20	1 18
349	17	15	Friday.....	♎ 1	11 54 56	8 6	7 21	4 30	2 24	7 9	4 42	2 21	7 31	4 20	2 27
350	16	16	Saturday..	♎ 14	11 55 25	8 50	7 21	4 30	3 30	7 10	4 43	3 24	7 32	4 20	3 36
351	15	17	SUNDAY..	♎ 26	11 55 54	9 35	7 21	4 30	4 36	7 10	4 43	4 27	7 32	4 20	4 45
352	14	18	Monday....	♏ 8	11 56 24	10 22	7 22	4 31	5 41	7 11	4 43	5 30	7 33	4 21	5 52
353	13	19	Tuesday....	♏ 20	11 56 54	11 11	7 23	4 31	6 45	7 12	4 44	6 32	7 34	4 21	6 58
354	12	20	Wednesday	♐ 2	11 57 23	ev. 2	7 23	4 32	7 44	7 12	4 44	7 30	7 34	4 21	7 59
355	11	21	Thursday...	♐ 14	11 57 53	53	7 24	4 32	sets	7 13	4 44	sets	7 35	4 22	sets
356	10	22	Friday.....	♐ 26	11 58 23	1 44	7 24	4 33	6 9	7 13	4 45	6 22	7 35	4 22	5 55
357	9	23	Saturday .	♑ 7	11 58 54	2 33	7 25	4 34	7 13	7 14	4 45	7 24	7 36	4 23	7 1
358	8	24	SUNDAY..	♑ 19	11 59 24	3 19	7 25	4 34	8 18	7 14	4 46	8 26	7 36	4 24	8 9
359	7	25	Monday....	♒ 1	11 59 54	4 3	7 25	4 35	9 21	7 14	4 46	9 27	7 37	4 25	9 15
360	6	26	Tuesday....	♒ 14	12 0 24	4 46	7 26	4 35	10 25	7 15	4 47	10 29	7 37	4 26	10 21
361	5	27	Wednesday	♒ 26	12 0 53	5 28	7 26	4 36	11 30	7 15	4 48	11 31	7 37	4 26	11 29
362	4	28	Thursday..	♓ 9	12 1 23	6 10	7 26	4 37	morn	7 15	4 49	morn	7 38	4 27	morn
363	3	29	Friday.....	♓ 22	12 1 52	6 54	7 27	4 38	34	7 16	4 50	33	7 38	4 28	35
364	2	30	Saturday...	♈ 5	12 2 22	7 42	7 27	4 38	1 43	7 16	4 51	1 39	7 39	4 29	1 47
365	1	31	SUNDAY..	♈ 19	12 2 51	8 34	7 28	4 39	2 56	7 16	4 51	2 49	7 39	4 29	3 3

A READY-REFERENCE CALENDAR.

For ascertaining any day of the week for any given time within two hundred years from the introduction of the New Style, *1752 to 1952 inclusive.

YEARS 1753 TO 1952.											Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1761	1767	1778	1789	1795																		
1801	1807	1818	1829	1835	1846	1857	1863	1874	1885	1891	4	7	7	3	5	1	3	6	2	4	7	2
						1903	1914	1925	1931	1942												
1762	1773	1779	1790																			
1802	1813	1819	1830	1841	1847	1858	1869	1875	1886	1897	5	1	1	4	6	2	4	7	3	5	1	3
						1909	1915	1926	1937	1943												
1757	1763	1774	1785	1791																		
1803	1814	1825	1831	1842	1853	1859	1870	1881	1887	1898	6	2	2	5	7	3	5	1	4	6	2	4
						1910	1921	1927	1938	1949												
1754	1765	1771	1782	1793	1799																	
1805	1811	1822	1833	1839	1850	1861	1867	1878	1889	1895	2	5	5	1	3	6	1	4	7	2	5	7
					1901	1907	1918	1929	1935	1946												
1755	1766	1777	1783	1794	1800																	
1806	1817	1823	1834	1845	1851	1862	1873	1879	1890		3	6	6	2	4	7	2	5	1	3	6	1
					1902	1913	1919	1930	1941	1947												
1758	1769	1775	1786	1797																		
1809	1815	1826	1837	1843	1854	1865	1871	1882	1893	1899	7	3	3	6	1	4	6	2	5	7	3	5
					1905	1911	1922	1933	1939	1950												
1753	1759	1770	1781	1787	1798																	
1810	1821	1827	1838	1849	1855	1866	1877	1883	1894	1900	1	4	4	7	2	5	7	3	6	1	4	6
						1906	1917	1923	1934	1945												
										1951												

LEAP YEARS.								..	29	..	..	..	..	..	..	..	..	..	..	..
1764	1792	1804	1832	1860	1888	1928	.....	7	3	4	7	2	5	7	3	6	1	4	6
1768	1796	1808	1836	1864	1892	1904	1932	5	1	2	5	7	3	5	1	4	6	2	4
1772	.....	1812	1840	1868	1896	1908	1936	3	6	7	3	5	1	3	6	2	4	7	2
1776	.....	1816	1844	1872	.....	1912	1940	1	4	5	1	3	6	1	4	7	2	5	7
1780	.....	1820	1848	1876	.....	1916	1944	6	2	3	6	1	4	6	2	5	7	3	5
1756	1784	1824	1852	1880	.....	1920	1948	4	7	1	4	6	2	4	7	3	5	1	3
1760	1788	1828	1856	1884	.....	1924	1952	2	5	6	2	4	7	2	5	1	3	6	1

1	2	3	4	5	6	7
Monday 1	Tuesday..... 1	Wednesday. 1	Thursday ... 1	Friday..... 1	Saturday.... 1	SUNDAY ... 1
Tuesday..... 2	Wednesday. 2	Thursday ... 2	Friday 2	Saturday.... 2	SUNDAY 2	Monday..... 2
Wednesday. 3	Thursday.... 3	Friday 3	Saturday.... 3	SUNDAY 3	Monday..... 3	Tuesday 3
Thursday.... 4	Friday 4	Saturday.... 4	SUNDAY 4	Monday..... 4	Tuesday 4	Wednesday. 4
Friday 5	Saturday.... 5	SUNDAY 5	Monday..... 5	Tuesday 5	Wednesday. 5	Thursday.... 5
Saturday.... 6	SUNDAY 6	Monday..... 6	Tuesday 6	Wednesday. 6	Thursday ... 6	Friday 6
SUNDAY 7	Monday..... 7	Tuesday 7	Wednesday. 7	Thursday ... 7	Friday 7	Saturday.... 7
Monday..... 8	Tuesday 8	Wednesday. 8	Thursday ... 8	Friday..... 8	Saturday.... 8	SUNDAY 8
Tuesday 9	Wednesday. 9	Thursday ... 9	Friday..... 9	Saturday.... 9	SUNDAY 9	Monday..... 9
Wednesday.10	Thursday....10	Friday 10	Saturday....10	SUNDAY ...10	Monday.....10	Tuesday 10
Thursday...11	Friday 11	Saturday....11	SUNDAY ...11	Monday.....11	Tuesday 11	Wednesday.11
Friday 12	Saturday 12	SUNDAY 12	Monday.....12	Tuesday 12	Wednesday.12	Thursday ...12
Saturday....13	SUNDAY....13	Monday.....13	Tuesday 13	Wednesday.13	Thursday....13	Friday 13
SUNDAY....14	Monday.....14	Tuesday 14	Wednesday.14	Thursday ...14	Friday 14	Saturday....14
Monday.....15	Tuesday 15	Wednesday.15	Thursday ...15	Friday.....15	Saturday....15	SUNDAY ...15
Tuesday 16	Wednesday.16	Thursday ...16	Friday 16	Saturday....16	SUNDAY ...16	Monday.....16
Wednesday.17	Thursday....17	Friday 17	Saturday....17	SUNDAY ...17	Monday.....17	Tuesday 17
Thursday. .18	Friday 18	Saturday....18	SUNDAY ...18	Monday.....18	Tuesday 18	Wednesday.18
Friday 19	Saturday....19	SUNDAY 19	Monday.....19	Tuesday 19	Wednesday.19	Thursday ...19
Saturday....20	SUNDAY 20	Monday.....20	Tuesday 20	Wednesday.20	Thursday....20	Friday 20
SUNDAY....21	Monday.....21	Tuesday 21	Wednesday.21	Thursday ...21	Friday 21	Saturday....21
Monday.....22	Tuesday 22	Wednesday.22	Thursday ...22	Friday 22	Saturday....22	SUNDAY ...22
Tuesday 23	Wednesday.23	Thursday ...23	Friday 23	Saturday....23	SUNDAY ...23	Monday.....23
Wednesday.24	Thursday....24	Friday 24	Saturday....24	SUNDAY ...24	Monday.....24	Tuesday 24
Thursday...25	Friday 25	Saturday....25	SUNDAY ...25	Monday.....25	Tuesday 25	Wednesday.25
Friday 26	Saturday....26	SUNDAY 26	Monday.....26	Tuesday 26	Wednesday.26	Thursday...26
Saturday....27	SUNDAY 27	Monday.....27	Tuesday 27	Wednesday.27	Thursday ...27	Friday.....27
SUNDAY....28	Monday.....28	Tuesday 28	Wednesday.28	Thursday ...28	Friday 28	Saturday....28
Monday 29	Tuesday 29	Wednesday.29	Thursday ...29	Friday 29	Saturday....29	SUNDAY ...29
Tuesday 30	Wednesday.30	Thursday ...30	Friday 30	Saturday....30	SUNDAY 30	Monday.....30
Wednesday.31	Thursday....31	Friday 31	Saturday....31	SUNDAY 31	Monday.....31	Tuesday 31

NOTE—To ascertain any day of the week first look in the table for the year required and under the months are figures which refer to the corresponding figures at the head of the columns of days below. For example: To know on what day of the week July 4 was in the year 1895, in the table of years look for 1895, and in a parallel line, under July, is figure 1, which directs to column 1, in which it will be seen that July 4 falls on Thursday.

*1752 same as 1772 from Jan. 1 to Sept. 2. From Sept. 14 to Dec. 31 same as 1780 (Sept. 3-13 were omitted).—This Calendar is from Whitaker's London Almanack, with some revisions.

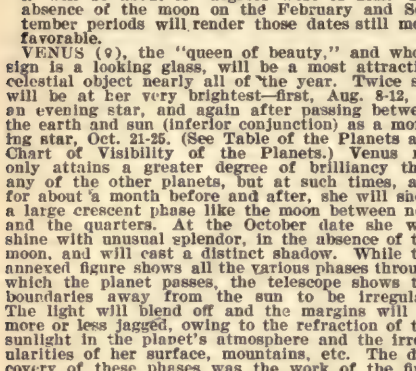
THE PLANETS.

MERCURY (☿) will be brightest:

(a) As an evening star April 1-10 and Dec. 4-10—setting about 1h. 15m. after the sun, being at greatest angular distance east of the sun April 14 (19°) and Dec. 7 (21°). At the April date he will be in ♈ directly south of Alpha Arietis and the line of stars in the horn of the Ram, and in December in ♐ near the end of the handle of the milkmaid's dipper. On April 10 ☿ will be 4° south of ♅ and on Sept. 24 ☿ will be 6° north of ♍.

(b) As a morning star Feb. 1-5 and Sept. 23-30, rising about 1h. 15m. before the sun, being at greatest angular distance west of the sun Feb. 2 (25°) and Sept. 25 (18°). When brightest in February the milkmaid's dipper in ♐ will be about 10° west of him, and in September the Sickle in ♌ will be about 15° degrees west of him. The absence of the moon on the February and September periods will render those dates still more favorable.

VENUS (♀), the "queen of beauty," and whose sign is a looking glass, will be a most attractive celestial object nearly all of the year. Twice she will be at her very brightest—first, Aug. 8-12, as an evening star, and again after passing between the earth and sun (inferior conjunction) as a morning star, Oct. 21-25. (See Table of the Planets and Chart of Visibility of the Planets.) Venus not only attains a greater degree of brilliancy than any of the other planets, but at such times, and for about a month before and after, she will show a large crescent phase like the moon between new and the quarters. At the October date she will shine with unusual splendor, in the absence of the moon, and will cast a distinct shadow. While the annexed figure shows all the various phases through which the planet passes, the telescope shows the boundaries away from the sun to be irregular. The light will blend off and the margins will be more or less jagged, owing to the refraction of the sunlight in the planet's atmosphere and the irregularities of her surface, mountains, etc. The discovery of these phases was the work of the first telescope in the hands of Galileo, though their existence was believed earlier.



As seen in the morning west of sun. As seen in the evening east of sun.

Explanation:

A—Fifteen days before superior conjunction or June 20, 1912.

B—At greatest elongation (angular distance) west of the sun, Nov. 26, 1911.

C—When brightest as a morning star, Oct. 21-25, 1911.

D—Just after inferior conjunction, Sept. 20, 1911.

E—Fifteen days after superior conjunction, or July 20, 1912.

F—At greatest elongation east of the sun, July 7, 1911.

G—When brightest as an evening star, Aug. 8-12, 1911.

H—Just before inferior conjunction, Sept. 10, 1911.

In following the course of the planets the reader will do well to use the other aids in this almanac —"Chart of the Heavens," "Table of the Rising, Southing and Setting of the Planets," etc. Locate the planets in the zodiac on the chart and then follow them in their course past the stars, noting when they are in conjunction with the moon, stars or other planets.

ITINERARY OF THE PRINCIPAL PLANETS.

At the beginning of the year ♀ will be found 5° north of milkmaid's dipper in ♐; Jan. 11 just south of the brightest star in ♉ and on the boundary between ♐ and ♉; ☌ ☽ Feb. 1, ♀ 3° 37′ north; Feb. 8 in ♒ 10° south of the ♎ on the equator of the heavens; Feb. 26 on the prime meridian of the heavens 15° south of the square of Pegasus; ☌ ☽ March 2, ♀ 2° 2′ north; enters ♓ March 26-29; April 1, ☌ ☽, ♀ 14′ north and occulted; April 15 5° south of the Pleiades; April 26, 7° north of Aldebaran, the lucida of the Hyades; May 1, ☌ ☽, ♀ 1° 29′ south; May 7, in eastern ♉ and due north of Orion's belt 24°; May 15 in line northward with the bright stars in the feet of the twins (♊) with the brightest star of the heavens (Sirius) due south of her about 40°. Note that an immense diamond is formed by Venus on the north, Sirius on the south, Betelguese on the west and Procyon on the east—a most striking figure in the evening skies west of the meridian. May 29-30 between Castor and Pollux in ♊ on the north and Procyon on the south, but nearest the former and 3° north of ♋; June 12-13 in ♋ on northern edge of the group of dim stars called Praesepe; June 29 ☌ ☽, ♀ 3° 40′—; July 5-6 less than 1° north of Regulus in the end of the handle of the Sickle; brightest Aug. 8-12 when about 15° east of Regulus near the middle of where she soon becomes stationary with respect to the stars and then begins to move back westward, or retrogrades. She may be seen in the daytime in July and August by knowing just where to look for her. Becomes invisible early in September, being at inferior conjunction Sept. 15. When next seen she will appear in the east in the morning, west of the sun; ☌ ☿, Sept. 24, being 10° south of ☿; stationary again early in October in eastern ♎; occulted by ☽ Nov. 16; advances past the stars of ♐, passing about 4° north of Spica the last of November and through the square of ♑ the last of December.

MARS (♂) will be brightest as an evening star Nov. 24-25, being a morning star until Aug. 8 and afterward an evening star to the end of the year. At the beginning of the year he will be in ♏, low in the east at dawn and about 5° north of Antares; ☌ ☽ Jan. 26; Feb. 1, 3° north of the milkmaid's dipper in ♐; ☌ ☽ Feb. 24, ☌ ♆ March 11; March 15 in ♑ about 5° south of the bright stars in the head of the goat; ☌ ☽ March 25; last of April in ♒ 10° south of the ♑; ☌ ☽ April 23 and May 22; June 1 on first meridian of the heavens; ☌ ☽ 20th. On the 15th of July he will be about 10° south of the bright stars in ♈; Aug. 8 at western □ and ☌ ♄ Aug. 16; last of August 8° south of Pleiades; last of September close to and north of the Hyades. Stationary middle of October in ♉; retrogrades very slowly back to the Pleiades Dec. 1, being at ☍ Nov. 26, when he will rise at sunset, pass the meridian at midnight and set at sunrise, being then and for some time before and after that date an all-night star.

Several new canals were discovered on Mars in 1909, evidently the works of the Martians within the past few years; snow storms were also observed on Mars by Prof. Lowell of Flagstaff, Ariz.

JUPITER (♃) will be at ☍ April 30, when he will be brightest and an evening and all-night star. Inasmuch as ♃ requires twelve of our years in which to make a revolution about the sun and pass all the stars of the zodiac his movement from time to time will be very slight as compared to that of the planets whose orbits are interior to his, as he traverses only one sign in a year. He is still in ♎ and during the first days of February he will be very close (1° north) to the brightest star in that constellation—Alpha Librae, situated on the ecliptic and being the southwest star of the square of Libra. The last of November he will pass out of and east of the square and at the close of the year be about 8° east of its easternmost star. (See Tables of Occultations, Conjunc-

tions, etc.) Of the seven satellites known to belong to Jupiter only four can be easily seen by the aid of small glasses. These satellites do not undergo the same changes in brilliancy that our moon does owing to the fact that ♃ is a semi-sun and his moons are supplied in part by himself, while our moon borrows her entire supply of light from the sun. (See the following tables.)

SATURN (♄), will be brightest Nov. 9 as an evening and all-night star, and will be very bright for a considerable time before and after that time. Inasmuch as two and one-half years are required for him to pass through one sign or constellation it is evident we can scarcely detect any change in position with respect to the stars from month to month. He is in ♈. Of his large family of satellites—ten in all—only one (Titan), is ordinarily visible with a three-inch telescope, but the wonderful ring system is always visible in such an instrument except when the earth is crossing their plane, every fifteen years. Each year, however, the earth attains a maximum elevation above their plane and at such times the ring system is best observed. This occurs in August, about the time of the western quadrature of ♄. From August on he will be only a few degrees west of the Pleiades and Hyades.

URANUS (♅) will be brightest July 20 and will not be near any bright or conspicuous star. Perhaps the best time for an amateur to locate this planet will be at its close conjunction with ☌ March 11, when ♅ will be seen for several days only one-third of a degree (or about one-half the moon's apparent diameter) north of ☌. To see this planet with the unaided eye is a test of good eyesight.

NEPTUNE (♆), the outermost known of our planetary family, will be brightest Jan. 11, in ♌, a few degrees south of Castor and Pollux. It is stated that a good opera or field glass will show ♆ at the time of ☌ or when brightest, provided one knows just where to look. Look for it on a line from Castor to Procyon and nearly midway between those stars with a fine cluster of dim stars just to the west.

MORNING STARS WEST OF SUN.

MERCURY—See "Planets Brightest."
VENUS, until Sept. 14.
MARS, until Aug. 8.
JUPITER, until Feb. 3 and after Nov. 18.
SATURN, from May 1 to Aug. 13.

EVENING STARS EAST OF SUN.

MERCURY—See "Planets Brightest."
VENUS, after Sept. 14.
MARS, after Aug. 8.
JUPITER, from Feb. 3 to Nov. 18.
SATURN, until May 1 and after Aug. 13.

PLANETS BRIGHTEST.

MERCURY (☿), Feb. 1-5 and Sept. 23-30 as a morning star, rising about 1h. 15m. before the sun; also April 1-10 and Dec. 4-10 as an evening star, setting 1h. 15m. after the sun.
VENUS (♀), Aug. 8-12 as an evening star and Oct. 21-25 as a morning star.
MARS (♂), Nov. 24-25, all night.
JUPITER (♃), April 30, all night.
SATURN (♄), Nov. 9, all night.
URANUS (♅), July 20, all night.
NEPTUNE (♆), Jan. 11, all night.

MERIDIAN PASSAGE, RISING AND SETTING OF THE PLANETS.

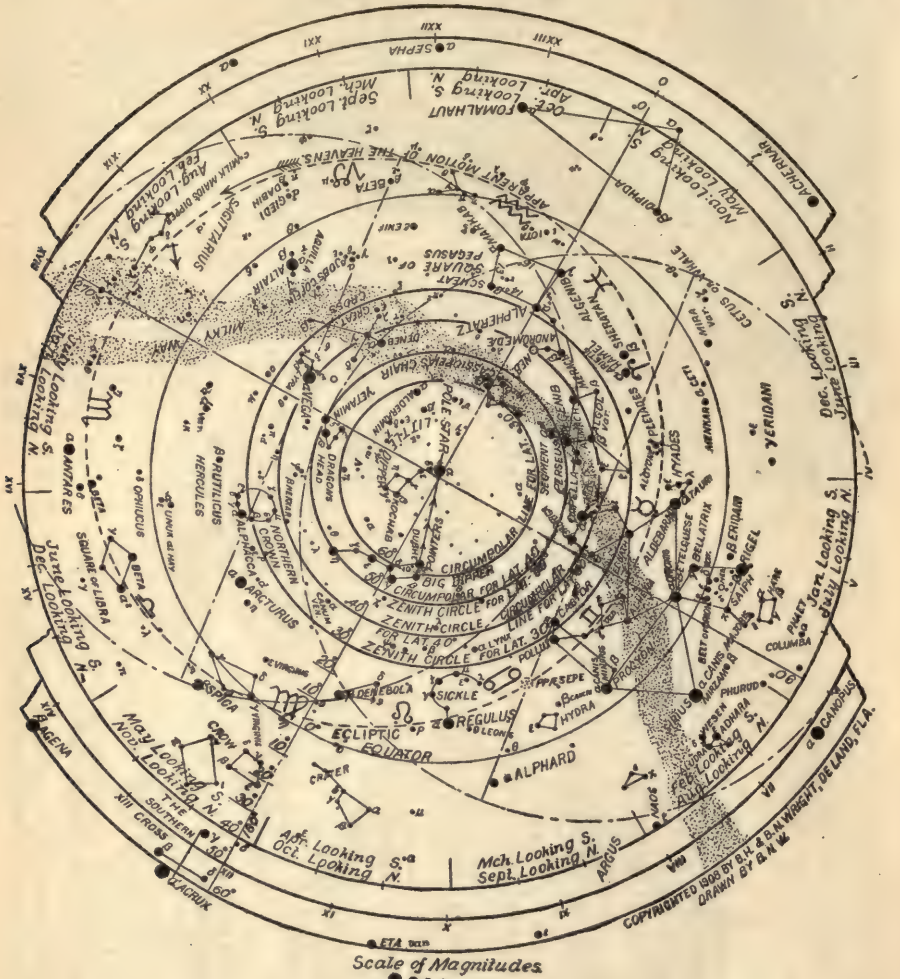
Mean time. All p. m. figures are in black type.

MONTH. DAY.	VENUS ♀			MARS ♂			JUPITER ♃			SATURN ♄		
	In Meridian.	Southern states.	Northern states.	In Meridian.	Southern states.	Northern states.	In Meridian.	Southern states.	Northern states.	In Meridian.	Southern states.	Northern states.
		Sets.	Sets.		Rises.	Rises.		Rises.	Rises.		Sets.	Sets.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
Jan. 1	0 41	5 44	5 15	9 46	4 38	5 05	7 50	2 21	2 38	7 12	1 37	1 47
11	0 56	6 05	5 39	9 38	4 34	5 02	7 16	1 48	2 06	6 33	0 58	1 08
21	1 08	6 25	6 03	9 29	4 26	4 57	6 42	1 16	1 32	5 55	0 17	0 27
Feb. 1	1 19	6 47	6 30	9 20	4 19	4 50	6 03	0 38	0 55	5 13	11 35	11 46
11	1 27	7 06	6 56	9 12	4 11	4 42	5 26	0 01	0 18	4 36	10 59	11 10
21	1 33	7 24	7 15	9 04	4 01	4 31	4 49	11 29	11 46	4 01	10 24	10 36
Mch. 1	1 38	7 38	7 38	8 58	3 54	4 23	4 18	10 58	11 15	3 31	9 55	10 07
11	1 43	7 56	8 01	8 50	3 42	4 08	3 38	10 17	10 34	2 55	9 20	9 32
21	1 49	8 13	8 26	8 42	3 30	3 55	2 57	9 36	9 53	2 20	8 46	9 05
April 1	1 57	8 33	8 51	8 31	3 14	3 36	2 10	8 48	9 05	1 42	8 09	8 22
11	2 05	8 51	9 13	8 22	3 00	3 19	1 27	8 05	8 25	1 07	7 36	7 50
21	2 15	9 10	9 37	8 12	2 44	3 00	0 43	7 19	7 36	0 33	Invi	sible.
May 1	2 27	9 28	9 59	8 01	2 27	2 40	11 55	Sets.	Sets.	11 59	☌ ☉	ist
11	2 39	9 44	10 16	7 50	2 09	2 19	11 10	4 43	4 28	11 24	Rises.	Rises
21	2 50	9 53	10 25	7 38	1 51	1 57	10 26	4 01	3 46	10 50	4 53	4 38
June 1	3 01	10 01	10 31	7 24	1 29	1 32	9 39	3 14	3 00	10 12	3 39	3 23
11	3 09	10 01	10 28	7 11	1 11	1 10	8 57	2 33	2 19	9 37	3 03	2 46
21	3 12	9 56	10 17	6 59	0 52	0 49	8 15	1 51	1 37	9 02	2 28	2 11
July 1	3 13	9 48	10 05	6 45	0 30	0 23	7 35	1 11	0 57	8 27	1 52	1 35
11	3 09	9 31	9 42	6 31	0 11	0 01	6 56	0 32	0 18	7 51	1 15	0 58
21	3 01	9 16	9 24	6 17	11 53	11 41	6 19	11 50	11 36	7 15	0 39	0 21
Aug. 1	2 45	8 49	8 51	6 00	11 31	11 16	5 38	11 09	10 54	6 34	0 02	11 44
11	2 24	8 19	8 17	5 45	11 12	10 56	5 03	10 33	10 18	5 57	11 24	11 06
21	1 52	7 32	7 37	5 28	10 51	10 30	4 29	9 58	9 42	5 22	10 49	10 31
Sept. 1	1 03	Invi	sible	5 07	10 26	10 04	3 51	9 19	9 02	4 36	10 03	9 45
11	0 05	☌ inf. ♂	⊙ 15th	4 46	10 02	9 39	3 18	8 44	8 24	3 56	9 23	9 05
21	11 05	Rises.	Rises.	4 22	9 36	9 12	2 45	8 09	7 52	3 16	8 44	8 26
Oct. 1	10 14	4 13	4 13	3 54	9 07	8 42	2 14	7 37	7 19	2 35	8 03	7 45
11	9 37	3 32	3 31	3 21	8 32	8 05	1 42	7 04	6 45	1 54	7 22	7 05
21	9 14	3 08	3 05	2 43	7 54	7 27	1 11	6 31	6 11	1 12	6 41	6 24
Nov. 1	8 58	2 55	2 53	1 54	7 06	6 38	0 38	Invi	sible.	0 25	5 45	5 34
11	8 50	2 50	2 50	1 03	6 14	5 47	0 07	☌ ⊙	18th	11 39	Sets.	Sets.
21	8 47	2 53	2 58	0 08	Sets.	Sets.	11 37	Rises.	Rises.	10 56	5 34	5 50
Dec. 1	8 46	3 01	3 08	11 07	6 05	6 31	11 07	5 53	6 16	10 14	4 51	5 08
11	8 48	3 11	3 23	10 16	5 13	5 39	10 36	5 23	5 48	9 32	4 09	4 25
21	8 52	3 23	3 39	9 29	4 24	4 50	10 06	4 54	5 16	8 51	3 28	3 44
31	8 58	3 36	3 58	8 48	3 43	4 09	9 35	4 24	4 49	8 10	2 45	3 01

NUMBER OF THE STARS.

According to the best astronomers the number of stars that can be seen by a person of average eyesight is only about 7,000. The number visible through the telescope has been estimated by J. E. Gore at 70,000,000 and by Profs. Newcomb and Young at 100,000,000.

CHART OF THE HEAVENS.


Scale of Magnitudes
1 2 3 4
EXPLANATION—The chart of the heavens shows all the bright stars and groups visible in the United States, Canada, Mexico, Cuba and Hawaii. Stars of the third magnitude are sometimes shown in order to complete a figure.
If a bright uncharted body be seen near the "ecliptic circle" it must be a planet. To locate the planets or moon, refer to the tables "position of planets" and "moon's place" in the almanac pages, find the proper signs on the chart on the "ecliptic circle" and an inspection of that part of the heavens, comparing with the chart, will serve to identify the planet and all the surrounding objects.
Because of the earth's motion from west to east (opposite to the direction of the arrow in the chart), the stars rise 4m. earlier each day or 30m. per week, or 2h. a month. The chart shows the position at 9 p. m. Then if the position for any other hour be desired, as for 7 p. m., count back one month, or ahead one month for 11 p. m., and so on for any hour of the night.
A circle described from the zenith on the "zenith circle" for the desired latitude with a radius of 90° (see graduated meridian) will show what stars are above the horizon. Thus Capella is near the overhead (zenith) point on latitude 40° north Jan. 15, 9 p. m., as will be Algenib in the handle of the Big Dipper at 3 a. m. Then from Capella or Algenib all the surrounding visible groups can be identified. The "pointers" being 5° apart and always in sight may be used as a convenient unit of measure; also when visible the Belt of Orion, 3°, or the sides of the square of Pegasus. The observer is always supposed to stand under the overhead point and to face south and north alternately.
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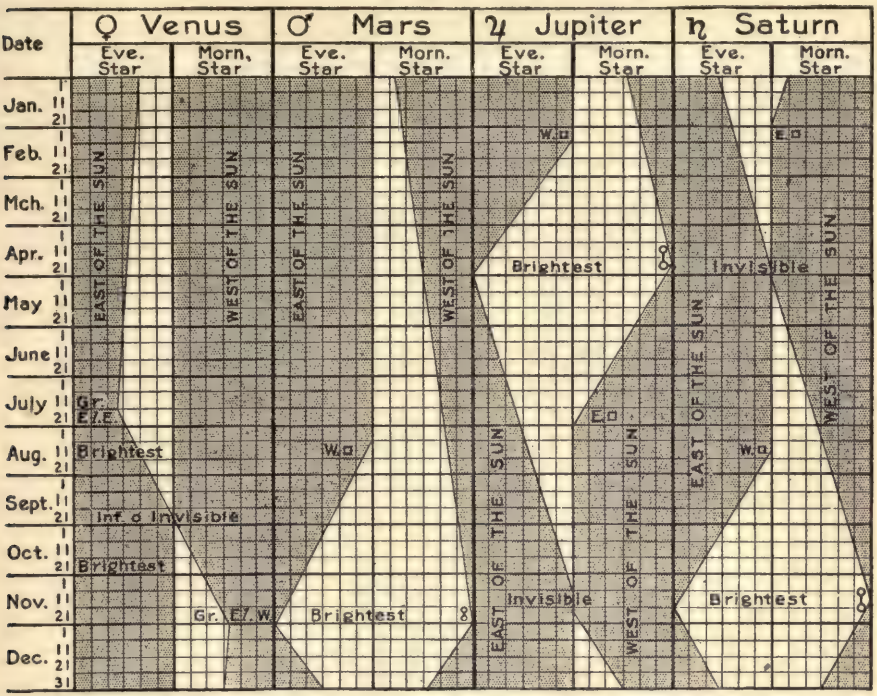
VISIBILITY OF THE PRINCIPAL PLANETS, 1911.



EXAMPLES—Venus will be east of the sun, an evening star, and increasing her angular distance from the sun until July 7, and will be brightest Aug. 10, when much nearer the sun. After this she approaches the sun and decreases in brightness to invisibility Sept. 15, when at inferior conjunction, or exactly between the earth and sun. She reappears, shortly after her conjunction, west of the sun as a morning star and again widens her distance from the sun until Nov. 26, being brightest Oct. 22. Thus it will be seen that she may be at her brightest twice in one year, but never when farthest from the sun as in the case of the superior planets.

Mars starts in the year as a morning star and gradually grows in brightness as he recedes from the sun until Nov. 25, when he will be at opposition, or 180° from the sun, rising at sunset and shining all night. He will begin to be seen in the evening hours Aug. 9, and by about Dec. 1 he may very properly be called an "all-night star," appearing equally in the evening and morning hours.

FACTS ABOUT THE SUN AND PLANETS.

Name.	Diameter. Miles.	Distance from sun. Miles.	Period of rev. Days.
Sun	866,400	.....	.....
Mercury	3,030	36,000,000	88
Venus	7,700	67,200,000	225
Earth	7,918	92,900,000	365
Mars	4,230	141,500,000	687
Jupiter	86,500	483,300,000	4,333
Saturn	73,000	886,000,000	10,759
Uranus	31,900	1,781,900,000	30,687
Neptune	34,800	2,791,600,000	60,181

The sun's surface is 12,000 and its volume 1,300,000 times that of the earth, but the mass is only 332,000 times as great and its density about one-quarter that of the earth. The force of gravity at the surface of the sun is twenty-seven times greater than that at the surface of the earth. The sun rotates on its axis once in 25.3 days at the equator, but the time is longer at the higher latitudes, from which fact it is presumed that the sun is not solid, at least as to its surface.

THE EARTH AND THE MOON.

Earth—The equatorial diameter of the earth is 7,926.5 miles and the polar diameter 7,899.5 miles; equatorial circumference, 25,000. The linear velocity of the rotation of the earth on its axis at the equator is 24,840 miles a day, or 1,440 feet a second; its velocity in its orbit around the sun is approximately nineteen miles per second, the length of the orbit being about 560,000,000 miles. The superficial area of the earth according to Encke, the astronomer, is 197,108,580 square miles, of which two-thirds is water and one-third land. The planetary mass is about 256,000,000 cubic miles.

Moon—The moon has a diameter of 2,162 miles, a circumference of about 6,800 miles and a surface area of 14,685,000 square miles. Her mean distance from the earth is 238,840 miles. The volume of the moon is about 1-49th that of the earth and the density about 3 2-5 that of water. The time from new moon to new moon is 29 days 12 hours 44.05 minutes. The moon has no atmosphere and no water and is a dead world.

VELOCITY OF LIGHT.

Light travels at the rate of 186,300 miles per second. It requires 8 minutes and 8 seconds for light to come from the sun to the earth.

PLANETARY CONJUNCTIONS OR NEAR APPROACHES.

WITH OTHER PLANETS AS FOLLOWS:

				Dist. apart Deg.	Min.	
☿	and ♃	January 4.	☿	1	58	N
☿	and ♀	January 5.	☿	2	50	N
♀	and ♃	January 5.	♀	0	41	S
♂	and ♃	March 11.	♂	0	23	S
♀	and ♄	March 29.	♀	2	25	N
☿	and ♄	April 10.	☿	4	41	N
☿	and ♄	May 28.	☿	1	35	S
♀	and ♅	May 29.	♀	2	59	N
♂	and ♄	August 16.	♂	0	21	N
☿	add ♀	September 24.	☿	9	26	N

WITH THE MOON AS FOLLOWS:

		Wash. time.			Dist. apart Deg.	Min.	
♄	January 9.	0	4	a. m.	1	04	S
☋	January 23.	0	40	a. m.	0	57	N
♂	January 26.	5	26	p. m.	2	59	N
♀	January 31.	9	56	a. m.	3	37	N
♄	February 5.	7	35	a. m.	1	18	S
☋	February 19.	1	06	p. m.	1	31	N
♂	February 24.	6	02	p. m.	3	35	N
♀	March 2.	0	49	p. m.	2	20	N
♄	March 4.	5	14	p. m.	1	39	S
☋	March 18.	9	00	p. m.	1	47	N
♂	March 25.	6	55	p. m.	4	15	N
♄	April 1.	6	06	a. m.	1	58	S
♀	April 1.	0	37	p. m.	0	14	N
☋	April 14.	11	58	p. m.	1	41	N
♂	April 23.	8	02	p. m.	3	46	N
♄	April 28.	9	38	p. m.	2	17	S
♀	May 1.	8	02	a. m.	1	20	S
☋	May 11.	11	44	p. m.	1	19	N
♂	May 22.	8	46	p. m.	2	19	N
♄	May 26.	2	07	p. m.	2	38	S
♀	May 30.	11	41	p. m.	2	35	S
☋	June 7.	11	58	p. m.	1	00	N
♂	June 20.	7	36	p. m.	0	12	N
♄	June 23.	5	30	a. m.	3	03	S
♀	June 29.	11	59	a. m.	3	40	S
☋	July 5.	4	13	a. m.	0	58	N
♂	July 19.	2	23	p. m.	2	00	S
♄	July 20.	6	03	p. m.	3	33	S
♀	July 28.	4	10	p. m.	5	47	S
☋	August 1.	2	02	p. m.	1	13	N
♄	August 17.	2	54	a. m.	4	02	S
♂	August 17.	3	03	a. m.	3	41	S
♀	August 25.	6	43	p. m.	10	23	S
☋	August 29.	4	52	a. m.	1	41	N
♄	September 13.	8	39	a. m.	4	22	S
♂	September 14.	7	31	a. m.	4	32	S
♀	September 21.	6	03	a. m.	13	14	S
☋	September 25.	10	57	p. m.	2	11	N
♄	October 10.	1	20	p. m.	4	27	S
♂	October 12.	0	44	a. m.	4	21	S
♀	October 18.	1	33	p. m.	7	39	S
☋	October 23.	6	23	p. m.	2	40	N
♄	November 6.	7	03	p. m.	4	18	S
♂	November 8.	3	42	a. m.	2	53	S
♀	November 16.	1	50	p. m.	1	13	S
☋	November 20.	1	39	p. m.	3	07	N
♄	December 4.	2	30	a. m.	4	05	S
♂	December 4.	10	47	p. m.	0	50	S
♀	December 16.	9	50	a. m.	3	39	N
☋	December 18.	7	54	a. m.	3	35	N
♄	December 31.	10	50	a. m.	4	01	S
♂	January 1, 1912.	3	02	a. m.	0	01	S

NOTE—The distance apart is between centers as seen from center of earth. It should be borne in mind that the bodies are not always nearest when in ☌, but the above data will enable the absolute identification of these planets on or near these dates and when the ☌ occurs in the daytime. The planets ☿, ♂ and ♅ are ignored in this connection as usually the ☽'s light will render the last two invisible and generally ☿ will be too near the sun to be seen.

PLANETARY CONFIGURATIONS.

Jan. 11... ♅ ☌ ☉	Aug. 8.... □ ♂ ☉ Western
Jan. 16... ♂ ♃ ☉	Aug. 13... □ ♄ ☉ "
Jan. 20... □ ♄ ☉ Eastern	Aug. 16... ♂ ☌ ♄
Feb. 3.... □ ☋ ☉ Western	Sept. 15.. ♂ ☉ Inferior.
April 30.. ☌ ☋ ☉	Nov. 10 .. ☌ ♄ ☉
May 1.... ♂ ♄ ☉	Nov. 18... ♂ ☋ ☉
July 21... ☌ ♃ ☉	Nov. 24... ☌ ♂ ☉
July 29... □ ☋ ☉ Eastern	Nov. 26... ♀ gr. el. W, of ☉

OCCULTATIONS.

				Limits between (Degrees)	
January 8—9.	♄	at	midnight	90+	and 19+
January 23.	☋	at	midnight	20—	and 90—
February 5.	♄	7	34 a. m.	90+	and 43+
July 5.	☋	4	13 a. m.	18—	and 90—
August 1.	☋	2	02 p. m.	45—	and 90—
November 16.	♀	1	50 p. m.	88+	and 30+
December 4.	♂	10	47 p. m.	90+	and 13+
January 1, 1912.	♂	3	01 a. m.	45+	and 31—

NOTE—The occultation will only be visible within the given parallels of latitude when both the planet and moon are above the horizon after dark at the time of ☌ in R. A. given. See table of ☌ with ☽ for the distance apart of centers.

SITUATION OF THE PLANETS FOR THE SUNDAYS: ALSO MOON'S POSITION FOR THE YEAR

	Jan.		Feb.		Mch.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	D.	Con.	D.	Con.	D.	Con.	D.	Con.	D.	Con.	D.	Con.	D.	Con	D.	Con.	D.	Con.	D.	Con.	D.	Con.	D.	Con.
Venus	1	♑	5	♉	5	♓	3	♈	7	♉	4	♓	2	♋	6	♌	3	♌	1	♌	5	♌	3	♉
Mars	8	♏	12	♑	12	♑	9	♉	14	♒	11	♓	9	♓	13	♈	10	♉	8	♉	12	♉	10	♈
Jupiter	15	♎	19	♎	19	♎	16	♎	21	♎	18	♎	16	♎	20	♎	17	♎	15	♎	19	♎	17	♋
Saturn	22	♈	26	♈	26	♈	23	♈	28	♈	25	♈	23	♈	27	♈	24	♈	22	♈	26	♈	24	♈
Uranus		♑		—		—	30	♑		—		—	30	♑		—		—	29	♑		—	31	♑
☽ Perigee	12		9		6		2-30		28		25		24		21		17		12		8		6	
☽ Apogee	24		21		21		18		15		11		8		5		2-29		27		24		21	
☽ Highest (☊)	13		9		8		5		2-29		26		22		19		18		12		9		6†	
☽ Lowest (☋)	26		23		22		18		16		12*		9		6		5		2-27		23		21	
☽ at ☌	23		19		18		15		12		8		5		1-28		25		22		18		15	
☽ at ☊	10		6		5		1-29		26		22		20		16		12		9		5		3-30	
☽ on Equator	6-19		3-16		3-15-30		12-26		9-23		5-20		3-17-30		13-26		9-23		6-19		3-16		1-13-*28	

*Moon lowest of the year June 11. †Moon highest of the year December 5.

Explanation of signs: ♈Aries. ♉ Taurus. ♊ Gemini. ♋Cancer. ♌ Leo. ♍ Virgo. ♎ Libra. ♏ Scorpio ♐ Sagittarius. ♑ Capricornus. ♒ Aquarius. ♓Pisces. The place indicated for the planets is for the 1st, 2d d, 4th and 5th Sundays of each month, in the order of the planets.

NOTE—The moon will run "high" from "lowest" to "highest," and run "low" from "highest" to "lowest." The full moon will be highest of the year at meridian passage Dec. 16 and lowest June 22. She will begin to run lower March 21 and decrease in altitude until June 22 and then increase (run higher) until Dec. 21, after which she will gradually get lower until June 22. This is because the full moon must always be on the opposite side of the earth from the sun, and hence when the sun is lowest in declination the moon must be highest and when the sun is highest the moon must be lowest. The inclination of the earth's axis to the plane of the ecliptic (sun's apparent path) being 23½° and that of the moon being 5° to the ecliptic it follows that total swing from highest to lowest must be (23½+5) ×2=57°.

THE BRIGHTEST STARS.

NAME.	Constellation or group.	Magnitude.	Right ascension. Sidereal time. H. M.	Declination. Deg. Min.	For meridian passage. Mn. time. H. M.	For rising & setting. Mn. time Lat. 40°. H. M.
Alpheratz	Andromeda	2.1	0 04	+28 36	0 03	7 52
Caph	Cassiopeia	2.4	0 04	+58 40	0 04	.....
Algenib	Pegasus	2.8	0 09	+14 41	0 08	6 51
Alpha	Phœnix	3.0	0 21	−43 19	0 21	2 25*
Schedir	Cassiopeia	2.3	0 35	+56 30	0 35	.....
Diphda	Cetus (whale)	2.2	0 39	−18 39	0 38	4 53
Gamma	Cassiopeia	2.3	0 51	+60 14	0 50	.....
Mirach	Andromeda	2.2	1 05	+35 09	1 04	8 29
Caph (Polaris)	Ursa Minor	2.2	1 27	+88 50	1 24	.....
Achernar	Eridanus	0.4	1 34	−57 41	1 34	*
Sheratan	Aries (ram)	2.8	1 50	+20 22	1 49	7 14
Almaach	Andromeda	2.2	1 58	+41 54	1 57	9 21
Hamel	Aries	2.1	2 02	+23 03	2 01	7 26
Mira	Cetus	2.1	2 14	− 3 26	2 13	5 48
Menkar	Cetus	2.6	2 58	+ 3 44	2 56	6 13
Algol	Perseus	2.6	3 02	+40 37	3 00	9 10
Mafak	Perseus	1.9	3 18	+49 33	3 18	.....
Alcyone	Taurus (bull)	3.1	3 42	+23 50	3 41	7 29
Aldebaran	Taurus	1.0	4 31	+16 20	4 29	6 58
Capella	Auriga	0.1	5 10	+45 55	5 09	10 14
Rigel	Orion	0.3	5 10	− 8 18	5 09	5 31
El Nath	Taurus	1.8	5 21	+28 32	5 19	7 52
Mintaka	Orion	2.3	5 27	− 0 22	5 26	5 59
Al Nilam	Orion	1.8	5 32	− 1 15	5 30	5 56
Phact	Colomba (dove)	2.7	5 36	−34 08	5 35	3 37*
Saiph	Orion	2.3	5 43	− 9 42	5 42	5 26
Betelgeuse	Orion	0.9	5 50	+ 7 24	5 49	6 26
Menkalina	Auriga	2.0	5 53	+44 56	5 51	9 53
Canopus	Argus	0.8	6 22	−52 39	6 21	*
Al Hena	Gemini (twins)	−2.0	6 33	+16 29	6 31	6 59
Sirius	Canis Major	1.4	6 41	−16 36	6 40	5 01
Adhara	Canis Major	1.5	6 55	−28 51	6 54	4 07
Castor	Gemini	1.9	7 29	+32 05	7 27	8 11
Procyon	Canis Minor	0.5	7 35	+ 5 27	7 33	6 19
Pollux	Gemini	1.2	7 40	+28 15	7 38	7 50
Beta	Cancer (crab)	3.8	8 12	+ 9 28	8 10	6 33
Alphard	Hydra	2.1	9 23	− 8 16	9 21	5 31
Regulus	Leo (lion)	1.3	10 04	+12 25	10 01	6 44
Eta	Argus	1.6	10 42	−59 13	10 39	*
Dubhe	Ursa Major	2.0	10 58	+62 14	10 56	.....
Denebola	Leo	2.2	11 44	+15 04	11 42	6 54
Acrux	Southern Cross	0.9	12 22	−62 36	12 19	*
Beta	Corvus (crow)	2.8	12 30	−22 54	12 27	4 35
Spica	Virgo (virgin)	1.1	13 20	−10 42	13 18	5 23
Agena	Centaurus	0.7	13 57	−59 56	13 54	*
Arcturus	Bootes	0.2	14 12	+19 39	14 09	7 12
Bengula	Centaurus	0.2	14 33	−60 28	14 30	*
Alpha	Libra (scales)	2.9	14 46	−15 40	14 43	5 04
Kochab	Ursa Minor	2.2	14 51	+74 31	14 48	.....
Alpecca	Northern Crown	2.3	15 31	+27 01	15 28	7 44
Unuk	Serpent Bearer	2.7	15 40	+ 6 42	15 37	6 23
Antares	Scorpion	1.2	16 24	−26 14	16 20	4 20
Rutilicus	Hercules	2.8	16 26	+21 41	16 23	7 20
Etamin	Dragon	2.5	17 54	+51 30	17 51	.....
Vega	Lyre	0.2	18 34	+38 42	18 30	8 54
Delta	Sagittarius	2.3	18 50	−26 25	18 46	4 19
Altair	Eagle	0.9	19 46	+ 8 38	19 43	6 30
Alpha	Capricorn	3.7	20 13	−12 49	20 09	5 55
Deneb	Cygnus (swan)	1.4	20 38	+44 58	20 35	9 56
Alderamin	Cephus	2.6	21 16	+62 13	21 12	.....
Beta	Aquarius	2.9	21 27	− 5 58	21 23	5 39
Enif	Pegasus	2.4	21 40	+ 9 28	21 36	6 33
Alpha	The Crane	1.9	22 33	−47 24	21 58	1 21*
Fomalhaut	Pisces Aust.	1.3	22 53	−30 06	22 48	4 00
Markab	Pegasus	2.5	23 00	+14 44	22 56	6 52
Iota	Pisces	4.3	23 53	+ 5 09	23 31	6 17

Explanation—By the absolute scale of magnitudes stars brighter than Aldebaran and Altair are indicated by fractional or negative quantities, thus Vega 0.2 and Sirius—1.4. As the magnitudes increase the brilliancy decreases, each increase of a unit being equal to a decrease of about two and one-half in brightness.

To ascertain when any star or constellation will be on the upper meridian add the number opposite in the column "For Meridian Passage" to the figures in the following table "Sidereal Noon," taking note whether such figures be "Morn." or "Eve." If Morn. and the sum is more than 12h. the result will be Eve. of same day; if Eve. and the sum is more than 12h. the result will be Morn. of the next day. Having found the time of meridian passage, for the rising subtract and for the setting add the numbers opposite the star in the column headed "For Rising and Setting" and observe the direction as to Morn. and Eve. given for the meridian passage. Those marked (.....) in the last column are circumpolar and do not rise or set in the latitude of New York city. Stars having an asterisk (*) in the last column are only to be seen in the far south and then when near the meridian, as the vapors of the horizon will prevent seeing them when they rise or set. To tell how high from the nearest point of the horizon a star will be at its meridian passage, subtract the star's declination from 90° and if the result is less than the latitude of the place of the observer that star will neither rise nor set, but is circumpolar, and the difference between that result and the latitude shows the star's altitude above the north point of the horizon or below the southern horizon. Or (90°—Dec.) —lat., = alt. or elevation of the star above the nearest point of

the horizon at meridian passage for stars of south. dec. Examples:

Sidereal noon, Oct. 30,	9:28 p. m.
Fomalhaut "In Merid." col.,	22:48
	32:16
Subtract,	24:00
	8:16 p. m. of the 31st, time of meridian passage.
Fomalhaut rls. and set. col.,	4:00
	12:16 = 0:16 a. m. of Nov. 1, the time of setting.

Fomalhaut dec., 30° s. 90°—30°, = 60°—40°, = 20°. Altitude of Fomalhaut in latitude 40° at its meridian passage. To measure celestial distances with the eye keep in mind that one-third of the distance from the zenith to the horizon is 30°. For smaller measurements use the "pointers" in the "big dipper," which are nearly 5° apart—a convenient celestial yardstick because always to be seen. In the case of a star whose dec. is such as to bring it nearer to the zenith than to a horizon at meridian passage, it will be more convenient to use its zenith distance as a means of locating it. The difference between the latitude and dec. is this zenith distance. If the dec. is greater than the latitude then such difference is to be counted northward, otherwise southward from the zenith.

SIDEREAL NOON OR MERIDIAN PASSAGE OF THE VERNAL EQUINOX.

(For use in connection with the star table. See note under same.)

	Jan.	Feb.	March.	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	5 19	3 17	1 37	11 25	9 27	7 25	5 27	3 26	1 24	11 22	9 20	7 22
2	5 15	3 13	1 33	11 21	9 23	7 21	5 24	3 22	1 20	11 18	9 16	7 18
3	5 11	3 9	1 19	11 17	9 19	7 18	5 20	3 18	1 16	11 14	9 12	7 14
4	5 7	3 5	1 15	11 13	9 16	7 14	5 16	3 14	1 12	11 10	9 8	7 10
5	5 3	3 2	1 11	11 10	9 12	7 10	5 12	3 10	1 8	11 6	9 4	7 6
6	4 59	2 58	1 7	11 6	9 8	7 6	5 8	3 6	1 4	11 2	9 0	7 2
7	4 56	2 54	1 4	11 2	9 4	7 2	5 4	3 2	1 0	10 58	8 56	6 58
8	4 52	2 50	1 0	10 58	9 0	6 58	5 0	2 58	0 56	10 54	8 52	6 54
9	4 48	2 46	0 56	10 54	8 56	6 54	4 56	2 54	0 52	10 50	8 48	6 51
10	4 44	2 42	0 52	10 50	8 52	6 50	4 52	2 50	0 48	10 46	8 45	6 47
11	4 40	2 38	0 48	10 46	8 48	6 46	4 48	2 46	0 44	10 42	8 41	6 43
12	4 36	2 34	0 44	10 42	8 44	6 42	4 44	2 42	0 40	10 39	8 37	6 39
13	4 32	2 30	0 40	10 38	8 40	6 38	4 40	2 38	0 37	10 35	8 33	6 35
14	4 28	2 26	0 36	10 34	8 36	6 34	4 36	2 34	0 33	10 31	8 29	6 31
15	4 24	2 22	8 32	10 30	8 32	6 30	4 32	2 31	0 29	10 29	8 25	6 27
16	4 20	2 18	0 28	10 26	8 28	6 26	4 28	2 27	0 25	10 23	8 21	6 23
17	4 16	2 14	0 24	10 22	8 24	6 23	4 25	2 23	0 21	10 19	8 17	6 19
18	4 12	2 10	0 20	10 18	8 20	6 19	4 21	2 19	0 17	10 15	8 13	6 15
19	4 8	2 6	0 16	10 14	8 17	6 15	4 17	2 15	0 13	10 11	8 9	6 11
20	4 4	2 3	0 12	10 11	8 13	6 11	4 13	2 11	0 9	10 7	8 5	6 7
21	4 0	1 59	0 9	10 7	8 9	6 7	4 9	2 7	0 5	10 3	8 1	6 3
22	3 57	1 55	0 5	10 3	8 5	6 3	4 5	2 3	11 57	9 59	7 57	5 59
23	3 53	1 51	0 1	9 59	8 1	5 59	4 1	1 59	11 53	9 55	7 53	5 55
24	3 49	1 47	11 57	9 55	7 57	5 55	3 57	1 55	11 49	9 51	7 49	5 52
25	3 45	1 43	11 53	9 51	7 53	5 51	3 53	1 51	11 45	9 47	7 46	5 48
26	3 41	1 39	11 49	9 47	7 49	5 47	3 49	1 47	11 41	9 44	7 42	5 44
27	3 37	1 35	11 45	9 43	7 45	5 43	3 45	1 43	11 38	9 40	7 38	5 40
28	3 33	1 31	11 41	9 39	7 41	5 39	3 41	1 39	11 34	9 36	7 34	5 36
29	3 29	.....	11 37	9 35	7 37	5 35	3 37	1 35	11 30	9 32	7 30	5 32
30	3 25	.....	11 33	9 31	7 33	5 31	3 33	1 32	11 26	9 28	7 26	5 28
31	3 21	.....	11 29	.....	7 29	.....	3 30	1 28	.....	9 24	.....	5 24

Note—Full-faced type are p. m. All others are a. m.

THE SIGNS AND CONSTELLATIONS OF THE ZODIAC.

Until recently it was taken for granted that the present relationship between signs and constellations of the zodiac was generally understood, as all astronomical textbooks mention their disagreement and explain the cause. The numerous letters of inquiry concerning differences between this data in this almanac and certain others show the necessity for this note of explanation.

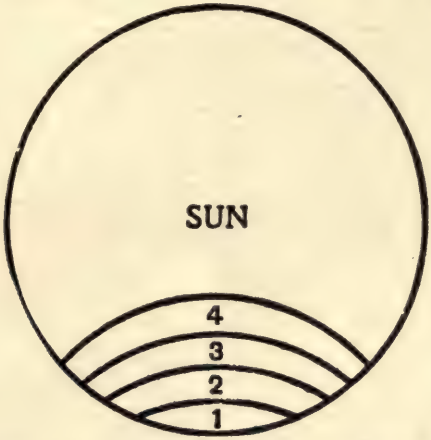
Thousands of years ago when the zodiac, that belt of the heavens about 16° in width within which move the moon and planets, was formed and divided into twelve parts or seasons called signs, each containing certain star groups called constellations, each was given the name of an object or animal which never did bear any relationship to the configuration of the stars in that group or division, but which did or is supposed to have reference to certain astronomical or other facts. Thus Libra, ♎, the scales or balance, comes at the autumnal equinox when there is an equilibrium or balance between the length of day and night the world over. Aquarius, ♒, the water-bearer, and whose sign is the Egyptian sign for running water, comes at the season of greatest rains in Egypt, and so on.

Since the time when these divisions were made and named, owing to the precession of the equinoxes, resulting from the differing polar and equatorial diameters of the earth, the signs have moved back west nearly a whole division or constellation and where ♈ was the first, ♓ now is. Hence, though the sun now enters the sign ♈ March 20, it is a month later when he enters the constellation ♈. It must be apparent, therefore, that any supposed influence or relationship which early astrologers attributed to the position of the sun, moon or planets when in certain of these divisions can no longer exist, as the sign now only represents that space or division of the zodiac where the controlling constellation was 2,000 or more years ago, but is not now. Nevertheless some almanacs still give the signs for the moon's place, which is very misleading to those who attempt to follow her in her course among the stars. Hence, this almanac gives the constellation and discards the ancient picture of the disemboweled man as relics of the age of superstition. The sign is retained for sun's place in connection with the seasons and sun's path through the zodiac each month because of its relationship to the equinoxes and solstices.

ECLIPSES IN 1911.

There will be two eclipses this year and both of the sun, as must always be the case where but two occur. They are as follows:

I. Total April 28, partially visible in the United States as a small eclipse upon the sun's southern limb. The total phase will only be visible in the southern Pacific ocean and islands. The sun will set more or less eclipsed throughout Central America, southern Mexico and in eastern United States east of a line from near Pittsburg, Pa., to near Matagorda bay, Texas. Washington, D. C., is on the northern Atlantic boundary of the area of visibility. No part of the eclipse will be visible north of a line from Portland, Ore., through Milwaukee and Pittsburg to Washington, D. C. Therefore the eclipse will be very small in the western and middle states, west of the above mentioned line from Pittsburg to Matagorda bay, being largest in the extreme southwest. More particularly visible as follows:



The figure shows 1, 2, 3 and 4 digits eclipsed on the southern limb of the sun.

	Begins.	Ends.	Size. Digits.	Correction for standard time.
Chicago	6:10 p. m.	6:15 p. m.	0.5	sub. 10m. central
St. Louis	5:43 p. m.	6:23 p. m.	1.5	add 1m. central
San Diego	3:11 p. m.	4:46 p. m.	4.0	sub. 11m. Pacific
San Francisco	2:52 p. m.	4:15 p. m.	3.0	add 10m. Pacific
Los Angeles	3:08 p. m.	4:29 p. m.	3.9	sub. 6m. Pacific
Charleston	6:14 p. m.	sun sets eclipsed	2.0 at sunset (I)	add 20m. eastern
New Orleans	5:22 p. m.	sun sets eclipsed	2.0 at sunset (D)	add 20m. central
Birmingham	5:39 p. m.	sun sets eclipsed	2.8 at sunset (D)	sub. 13m. central
Raleigh	6:23 p. m.	sun sets eclipsed	1.3 at sunset (I)	add 15m. eastern
Little Rock	5:34 p. m.	sun sets eclipsed	3.0 at sunset —	add 9m. central
Chattanooga	5:52 p. m.	sun sets eclipsed	1.7 at sunset (D)	sub. 19m. central
Louisville	5:56 p. m.	sun sets eclipsed	0.9 at sunset (D)	sub. 18m. central
St. Paul, Minneapolis	contact of limbs.			

(I) indicates increasing at sunset.
(D) indicates decreasing at sunset.

II—Annular, Oct. 22, invisible in America.

FIXED AND MOVABLE FEASTS OR CHURCH DAYS, 1911.

New Year's day (circum.)..Jan. 1	Easter Sunday.....April 16	Exalt. Holy Cross.....Sept. 14
Conv. of St. Paul.....Jan. 25	Low Sunday (St. George) April 23	St. Matthew.....Sept. 21
Purification B. V. M.....Feb. 2	St. Mark.....April 25	Michaelmas.....Sept 29
Septuagesima Sunday.....Feb. 12	Philip and James.....May 1	St. Luke.....Oct. 18
St. Valentine.....Feb. 14	Rogation Sunday.....May 21	Simon and Jude.....Oct. 28
Sexagesima Sunday.....Feb. 19	Ascension (Holy) Thursday. May 25	Halloween.....Oct. 31
Quinquagesima Sunday....Feb. 26	Whitsunday (Pentecost)...June 4	All Saints.....Nov. 1
Shrove Tuesday.....Feb. 28	Trinity Sunday.....June 11	Thanksgiving.....Nov. 30
Ash Wed. (Lent begins)..March 1	Corpus Christi.....June 15	St. Andrew.....Nov. 30
Quadragesima Sunday.....March 5	Nat. John the Baptist....June 24	Advent Sunday.....Dec. 3
St. Patrick's day.....March 17	Peter and Paul.....June 29	St. Thomas.....Dec. 21
Annunciation (Lady day) March 25	Mary Magdalen.....July 22	Christmas day.....Dec. 25
Mid-Lent Sunday.....March 26	St. James.....July 25	St. Stephen.....Dec. 26
Palm Sunday.....April 9	Transfiguration.....Aug. 6	St. John the Evangelist..Dec. 27
Good Friday.....April 14	St. Bartholomew.....Aug. 24	Holy Innocents.....Dec. 28

EMBER DAYS.

Wednesday, Friday and Saturday	after	1st Sunday in Lent	March 8, 10, 11
		Pentecost	June 7, 9, 10
		September 14	September 20, 22, 23
		December 13	December 20, 22, 23

TIME AND STANDARDS OF TIME.

Various kinds of time are in use in this country:

1. Astronomical Time or Mean Solar Time—This is reckoned from noon through the twenty-four hours of the day and is used mainly by astronomical observatories and in official astronomical publications. It is the legal time of the Dominion of Canada, though "standard" and "mean" time are in general use there as in this country.

2. Mean Local Time—This is the kind that was in almost universal use prior to the introduction of standard time. This time is based upon the time when the mean sun* crosses the meridian and the day begins at midnight. When divided into civil divisions—years, months, weeks, days, etc.—it is sometimes called civil time.

3. Standard Time—For the convenience of the railroads and business in general a standard of time was established by mutual agreement in 1883 and by this calculation trains are now run and local time is regulated. By this system the United States, extending from 65° to 125° west longitude, is divided into four time sections, each of 15° of longitude, exactly equivalent to one hour (7½° or 30m. on each side of a meridian), commencing with the 75th meridian. The first or eastern section includes all territory between the Atlantic coast and an irregular line drawn from Buffalo to Charleston, S. C., the latter city being its southernmost point. The second or central section includes all the territory between this eastern line and another irregular line extending from Bismarck, N. D., to the mouth of the Rio Grande. The third or mountain section includes all the territory between the last-named line and nearly the western borders of Idaho, Nevada and Arizona. The fourth or Pacific section includes all the territory of the United States between the boundary of the mountain section and the Pacific coast. Inside of each of these sections standard time is uniform and the time of each section differs from that next to it by exactly one hour, as shown on the map.

*Owing to the eccentricity of the earth's orbit and the inclination of the equator to the ecliptic, the apparent motion of the sun is retarded or accelerated according to the earth's place in its orbit. Hence, to take the actual sun as a guide would necessitate years, days and their subdivisions of unequal length. Therefore an imaginary or "mean sun" was invented. The difference between apparent and mean time is called the "equation of time" and may amount to a quarter of an hour in twenty-four hours. It is the difference between the figures in "Sun at noon mark" column in calendar and twelve hours. The figures on a correct sun dial give the apparent time.

STANDARDS OF TIME.

The following is the table of times, based upon the meridians used by the United States and Canada:

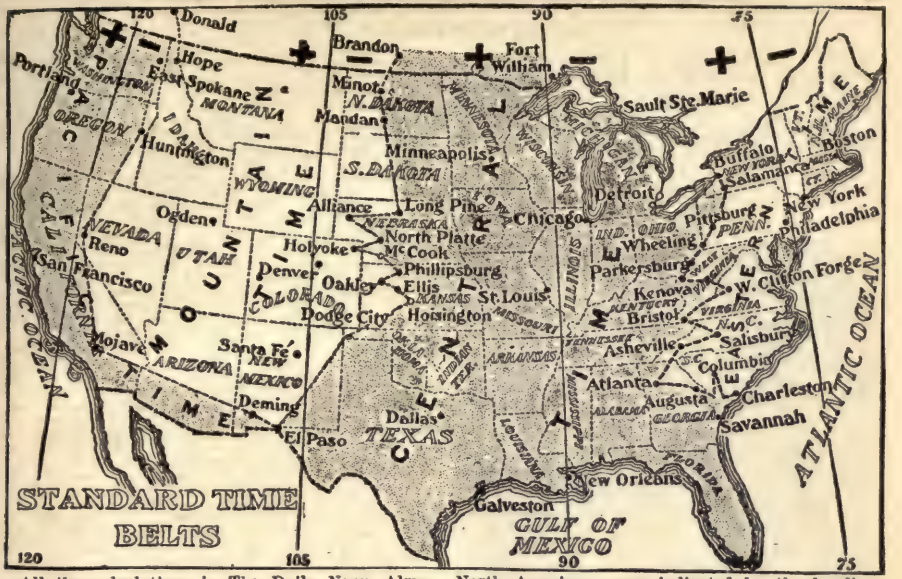
NAME OF TIME.	Degrees.	Central meridian from Greenwich.	Nearest place.
Intercolonial or Atlantic	60	4 hours west	About 3½ degrees east of Halifax, N.S
Eastern	75	5 hours west	Between New York and Philadelphia
Central	90	6 hours west	St. Louis and New Orleans.
Mountain	105	7 hours west	Denver, Col.
Pacific	120	8 hours west	1½ degrees east of Sacramento, Cal.
Sitka	135	9 hours west	¼ degree east of Sitka, Alaska.
Tahiti	150	10 hours west	½ degree west of the island of Tahiti.
Hawaiian	157½	10 hrs. 31 min. west.	Near center of Molokai.

It is obvious that to express the time of rising and setting of the sun and moon in standard time would limit the usefulness of such data to the single point or place for which it was computed, while in mean time it is practically correct for places as widely separated as the width of the continent (see note at bottom of February calendar), and persons having obtained the mean time by the rising or setting of the sun or moon may easily ascertain the correct standard time of any event by making use of the following table and map:

STANDARD TIME TABLE.

To obtain standard time, add or subtract the figures given to local time.

City.	Standard Correction, or division.	Min.
Albany, N. Y.—Eastern	Sub.	5
Austin, Texas—Central	Add	31
Baltimore, Md.—Eastern	Add	6
Baton Rouge, La.—Cent.	Add	4
Bismarck, N. D.—Cent.	Add	43
Boston, Mass.—Eastern	Sub.	16
Buffalo, N. Y.—Eastern	Add	16
Burlington, Iowa—Cent.	Add	5
Cairo, Ill.—Central	Sub.	3
Charleston, S. C.—East.	Add	20
Chicago, Ill.—Central	Sub.	10
Cincinnati, O.—Central	Sub.	22
Cleveland, O.—Central	Sub.	33
Columbia, S. C.—Eastern	Add	24
Columbus, O.—Central	Sub.	28
Dayton, O.—Central	Sub.	23
Denver, Col.—Mountain	Add	0
Des Moines, Ia.—Central	Add	14
Detroit, Mich.—Central	Sub.	28
Dubuque, Iowa—Central	Add	3
Duluth, Minn.—Central	Add	9
Erie, Pa.—Central	Sub.	39
Evansville, Ind.—Central	Sub.	10
Ft. Gibson, Ch. N.—Cent.	Add	21
Fort Smith, Ark.—Cent.	Add	19
Fort Wayne, Ind.—Cent.	Sub.	20
Galena, Ill.—Central	Add	2
Galveston, Tex.—Central	Add	19
Gr. Haven, Mich.—Cent.	Sub.	15
Harrisburg, Pa.—Eastern	Add	7
Houston, Tex.—Central	Add	21
Huntsville, Ala.—Cent.	Sub.	12
Indianapolis, Ind.—Cent.	Sub.	16
Jackson, Miss.—Central	Add	1
Jacksonville, Fla.—Cent.	Sub.	33
Janesville, Wis.—Cent.	Sub.	4
Jefferson City, Mo.—Cent.	Add	9
Kansas City, Mo.—Cent.	Add	19
Keokuk, Iowa—Central	Add	6
Knoxville, Tenn.—Cent.	Sub.	24
LaCrosse, Wis.—Central	Add	5
Lawrence, Kas.—Central	Add	21
Lexington, Ky.—Central	Sub.	23
Little Rock, Ark.—Cent.	Add	9
Louisville, Ky.—Central	Sub.	18
Lynchburg, Va.—Eastern	Add	17
Memphis, Tenn.—Cent.	Sub.	0
Milwaukee, Wis.—Cent.	Sub.	8
Mobile, Ala.—Central	Sub.	8
Montgomery, Ala.—Cent.	Sub.	15
Nashville, Tenn.—Cent.	Sub.	13
N. Haven, Conn.—East.	Sub.	8
New Orleans, La.—Cent.	Add	0
New York, N. Y.—East.	Sub.	4
Norfolk, Va.—Eastern	Add	5
Ogdensburg, N. Y.—East.	Add	2
Omaha, Neb.—Central	Add	24
Pensacola, Fla.—Central	Sub.	11
Philadelphia, Pa.—East.	Add	1
Pittsburg, Pa.—Eastern	Add	20
Portland, Me.—Eastern	Sub.	19
Providence, R. I.—East.	Sub.	14
Quincy, Ill.—Central	Add	6
Raleigh, N. C.—Eastern	Add	15
Richmond, Va.—Eastern	Add	10
Rochester, N. Y.—East.	Add	11
Rock Island, Ill.—Cent.	Add	3
S. Francisco, Cal.—Pac.	Add	10
Santa Fe, N.M.—Mountain	Add	4
Savannah, Ga.—Central	Sub.	36
Shreveport, La.—Central	Add	15
Springfield, Ill.—Central	Sub.	2
St. Joseph, Mo.—Cent.	Add	19
St. Louis, Mo.—Central	Add	1
St. Paul, Minn.—Cent.	Add	12
Superior City, Wis.—Cent.	Add	8
Syracuse, N. Y.—East.	Add	5
Toledo, O.—Central	Sub.	26
Trenton, N. J.—Eastern	Sub.	1
Utica, N. Y.—Eastern	Add	1
Washington, D. C.—East.	Add	8
Wheeling, W. Va.—East.	Add	23
Wilmington, Del.—East.	Add	2
Wilmington, N. C.—East.	Add	13
Yankton, S. D.—Central.	Add	29



All the calculations in The Daily News Almanac and Year-Book are based upon mean or clock time unless otherwise stated. The sun's rising and setting are for the upper limb, corrected for parallax and refraction. In the case of the moon no correction is needed, as in the sun, for "parallax and refraction"; with her they are of an opposite nature and just balance each other. The figures given, therefore, are for the moon's center on a true horizon such as the ocean affords.

The calculations in each of the geographical divisions of each calendar page will apply with sufficient accuracy to all places in the contiguous North American zones indicated by the headings of the divisions.

The heavy dotted lines show the arbitrary (standard) divisions of time in the United States. The plus and minus marks on either side of the meridian lines show whether it is necessary to add to or subtract from the mean time of points east or west of these lines to arrive at actual standard time. Example: Chicago is 2½° east of the 90th meridian, therefore Chicago local time — 2½ × 4 = 10 to be subtracted from mean time to = standard time, and for Boston standard (eastern) time, 16m. must be subtracted from mean time.

FOREIGN STANDARDS OF TIME.

	Central meridian.	Fast or slow on Greenwich.		Central meridian.	Fast or slow on Greenwich.
	Degrees.	H. M. S.		Degrees.	H. M.
Japan	135 east	9 00 00 fast	West Australia	120 east	8 00 fast
Spain*	0	0 00 00	South Australia	142½ east	9 30 fast
Argentina	64+ west	3 51 38.8 slow	New Zealand	172½ east	11 30 fast
Ecuador	81+ west	5 24 15 slow	Victoria	150 east	10 00 fast
Natal	30 east	2 00 00 fast	New South Wales		
Cape Colony	22½ east	1 30 00 fast	Queensland		
Mid-Europe	15 east	1 00 00 fast	Tasmania		
Egypt	30 east	2 00 00 fast	Eastern Europe	30 east	2 00 fast

*In Spain the hours are counted from 0 to 24, avoiding the use of a. m. and p. m.

CALENDAR FOR 1912.

	S	M	T	W	T	F	S
JAN.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
FEB.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	..	..
MAR.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..

	S	M	T	W	T	F	S
APRIL	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
MAY	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
JUNE	..	..	..	..	..	..	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	..	..	..	..	..	..

	S	M	T	W	T	F	S
JULY	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
AUG.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
SEPT.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..

	S	M	T	W	T	F	S
OCT.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
NOV.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
DEC.	..	..	..	..	..	..	..
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..

HALLEY'S COMET.

Halley's comet, which was first seen on its recent approach to the earth by Prof. Max Wolff of Heidelberg, Germany, Sept. 11, 1909, and was successfully photographed by Prof. S. W. Burnham of the Yerkes observatory at Williams Bay, Wis., Sept. 15, 1909, could be seen with ordinary opera glasses in March, 1910. It was not, however, until the latter part of April that it could be seen with the naked eye. From that time until May 18 it continued to increase in brilliancy and was a striking object in the heavens during the hours immediately preceding sunrise. It was seen a little north of east in the eastern sky, the head pointing in the direction of the sun. In the smoke-obscured atmospheres of large cities like Chicago and New York the view was not satisfactory either then or later, except on rare occasions, and many persons were disappointed at the appearance of the comet. Elsewhere the sight was a fine one and was witnessed nightly by thousands in all parts of the country. Some astronomers were inclined to think that the comet had diminished in size and brilliancy since its appearance seventy-five years before, but others were of a contrary opinion.

HALLEY'S COMET AS SEEN MAY 5, 1910.

From a photograph taken by Prof. E. E. Barnard at the Yerkes observatory, Williams Bay, Wis. Exposure of forty minutes from 2:49 a. m. to 3:20 a. m.

Much speculation was indulged in as to what would happen when the earth passed through the comet's tail about May 18 and stories about deadly cyanogen gas and showers of meteors caused some terror among the uninformed. Newspapers printed columns of interviews with astronomers and other scientists on the subject and the public generally was deeply interested in the matter. Great preparations were made at the various observatories for the event, but the results, from a scientific as well as popular point of view, were disappointing. Nothing of a startling nature happened. An auroral display and a few meteors were reported, but these were not out of the ordinary. Experts differed in their opinions as to just when the earth passed through the comet's tail, and some of them held that owing to an unexpected curvature of the tail the earth missed coming in contact with the gaseous substance altogether. At the Yerkes observatory the astronomers were quoted as saying that the tail was much spread out, causing the earth to occupy about thirty hours to make the passage through it instead of four or five hours as originally calculated. At the Lick observatory the tail of the comet was seen in the east on the morning of the 18th and the same fact was reported from other points. This was explained by some on the theory that the length of the tail and its curvature caused it to extend around the globe, making the end visible in the eastern sky while the head and other end were in the west.

For some days after the transit the tail seemed to have disappeared partly if not wholly, but it soon reappeared and in the latter days of May and the first part of June the comet and its appendage were clearly visible in the western sky just after sunset. In some localities where the atmosphere was clear the spectacle was even more striking than that presented when the comet was seen in the eastern sky. The orbit of the celestial visitor caused it to recede rapidly and by the end of June it was no longer visible without the use of telescopes.

COMET A OF 1910.

On the morning of Jan. 17, 1910, a new comet was discovered by an observer named Drake at Johannesburg, South Africa. It was five or ten degrees south, southwest of the sun, which it was rapidly approaching, and was visible to the naked eye. Other observers in various parts of the world found it easily on the following nights, those at Williams Bay, Wis., seeing it Jan. 19. It was photographed readily, as it was sufficiently bright to be seen without the use of magnifying glasses. Astronomers at Flagstaff, Ariz., reported that the comet showed light hydrocarbon bands with a pair of intensely bright sodium lines. The tail appeared to be about forty-three degrees in length. The comet was visible in the western sky until the first part of February, when it swiftly disappeared. It was not identified as having been seen before 1910.

Meteorites were reported Feb. 4 to have fallen near Florence, Italy. A large meteor also fell near Quincy, Ill.

Jan. 28 the observatory at Manila, P. I., discovered a new comet near Venus. Feb. 23 Prof. Pidoux of the Geneva observatory in Switzerland claimed to have found a new comet near Halley's and traveling much faster. Aug. 8, the Rev. Joel H. Metcalf of Taunton, Mass., discovered a comet of the eighth magnitude.

AMERICAN LOSSES IN SPANISH AND PHILIPPINE WARS.

From wounds or disease.

	Officers.	En. men.
May 1, 1898, to June 30, 1899	224	6,395
June 30, 1899, to July 1, 1900	74	1,930
July 1, 1900, to June 30, 1901	57	1,932

WORK OF THE 61ST CONGRESS—SECOND SESSION.

Session began Dec. 6, 1909; ended June 25, 1910.
Total appropriations, $1,027,901,629.
Act to establish postal savings banks; passed by senate March 5; by house June 9; approved June 25.
Act to establish a commerce court and to amend the interstate-commerce law; passed by house May 10; by senate June 3; approved June 18.
Acts providing for the admission of Arizona and New Mexico into the union as states; passed by house Jan. 17; senate June 16; approved June 20.
Act authorizing the secretary of the interior to make temporary withdrawals of public lands in aid of national conservation; passed by house March 8, by senate March 10; approved March 15.
Act amending immigration law so as to provide for the suppression of the "white slave" traffic; passed by house Jan. 12; by senate Feb. 11; approved March 26.
Act amending law relating to employers' liability to their employes in certain cases; passed by house Feb. 23; by senate April 1; approved April 5.
Act supplementary to law requiring safety appliances on railroads; passed by house Dec. 15; by senate Feb. 21; approved April 14.
Act to protect the seal fisheries of Alaska; passed by senate March 23; by house April 18; approved April 21.
Act requiring railroads to report all accidents to the interstate-commerce commission; passed by house Dec. 15; by senate April 7; approved May 6.
Act providing for the raising of the Maine in Havana harbor; passed by house March 23; by senate May 4; approved May 9.
Act to establish the Glacier National park in Montana; passed by senate Feb. 9; by house April 13; approved May 11.
Act to establish, for the protection of miners, a bureau of mines in interior department; passed by house Jan. 25; by senate May 2; approved May 16.
Act establishing a committee of fine arts to advise as to statues, fountains and monuments in the District of Columbia; passed by house Feb. 9; by senate May 3; approved May 17.
Act providing for publicity of campaign contributions; passed by house April 18; by senate June 22; approved June 25.
Act authorizing president of the United States to make withdrawals of public lands in certain cases to preserve reservoir sites and water powers on government land; passed by house April 20; by senate June 15; approved June 25.
Act authorizing issue of $20,000,000 in bonds to be used by the president in completing irrigation projects now under way; passed by house June 21; by senate June 22; approved June 25.
Act prohibiting transportation for immoral purposes of women and girls; passed by house Jan. 26; by senate June 25; approved June 25.
Act making appropriations for the navy and authorizing the construction of two battleships; passed by house April 8; by senate March 24; approved June 21.
Act reorganizing lighthouse service and providing for a bureau of lighthouses in the department of commerce and labor; passed by house May 2; by senate May 12; approved June 17.

MESSAGE ON INTERSTATE LAW.

Jan. 7, 1910, President Taft sent to congress a special message recommending certain amendments to the interstate-commerce law and suggesting the federal incorporation of industrial companies in order to make effective the laws against trusts and monopolies. To bring about a systematic and scientific enforcement of the commerce law he recommended the establishment of a court of the United States, composed of five judges designated for such purpose from among the Circuit judges, to be known as the "United States Court of Commerce," such court to be clothed with exclusive original jurisdiction over the following classes of cases:

1. All cases for the enforcement, otherwise than by adjudication and collection of a forfeiture or penalty, or by infliction of criminal punishment, of an order of the interstate-commerce commission other than for the payment of money.

2. All cases brought to enjoin, set aside, annul or suspend any order or requirement of the interstate-commerce commission.

3. All such cases as under section 3 of the act of Feb. 19, 1903, known as the "Elkins act," are authorized to be maintained in a Circuit court of the United States.

4. All such mandamus proceedings as under the provisions of section 20 or section 23 of the interstate-commerce law are authorized to be maintained in a Circuit court of the United States.

The president further recommended that the interstate-commerce law be so amended as to authorize the commission to act on its own initiative as well as upon the complaint of an individual in investigating the fairness of any existing rate or practice and also to give it the power to pass upon the classification of commodities for the purpose of fixing rates. It should also be empowered, whenever any proposed increase of rates is filed, at once to enter upon an investigation into the reasonableness of such change, and, if necessary, to postpone the effective date of such increase for a period not exceeding thirty days; if the increase is found to be unreasonable, the commission may then forbid it or fix the maximum beyond which it shall not be made.

Legislation to prevent the overissue of stocks and bonds by interstate carriers and the further acquisition by railroad companies of the stock of competing lines was recommended. The president also suggested the passage of laws for additional safety appliances on freight trains and to facilitate the bringing of suits by employes against interstate-commerce employers.

In order to secure the compliance of the trusts and business combinations with the antitrust statute and to offer them a means of changing the character, organization and extent of their business so as to bring it within the lines of the law, under federal control and supervision, without creating great financial disturbance, the president recommended the enactment by congress of a general law for the formation of corporations to engage in trade and commerce between the states. Such law, he suggested, should be drawn so as to protect the corporations from undue interference by the states and regulate their activities in such manner as to prevent the recurrence, under national auspices, of those abuses which had arisen under state control.

CONTEST OVER HOUSE RULES.

Wednesday, March 16, 1910, Representative Crumpacker of Indiana called up in the house a joint resolution enlarging the scope of inquiry of the schedules relating to the thirteenth decennial census so as to secure information respecting the nationality and mother tongue of all persons born in foreign countries or of foreign parentage. Objection to the consideration of the resolution was made on the ground that it was not in order on calendar Wednesday, when no other business than the call of the committees could be considered. Mr. Crumpacker maintained that the resolution was privileged under the constitution and that therefore it was in order on any day. In this position he was sustained by Speaker Cannon, who, however, was overruled by the house by a vote of 163 to 111.

On the following day, March 17, Mr. Crumpacker again called the resolution up for consideration and the same point of order was made against it. The speaker instead of ruling submitted to the house the question: Is the joint resolution called up by the gentleman from Indiana in order as a question of privilege, the rule prescribing the order of business to the contrary notwithstanding? On this a demand for the previous question was made, but the house by a vote of yeas 137 and nays 142 refused to order it. The house then by a vote of 202 yeas to 72 nays declared that the resolution was in order and it was passed.

On the same day Representative George W. Norris of Nebraska presented a resolution, "privileged by the constitution," to amend the rules of the

house so as to make the committee on rules consist of fifteen members, nine to be chosen by the majority party and six by the minority party, and excluding the speaker from membership on the committee. This proposition, which was supported by the so-called "insurgent" republicans and the democrats, caused a heated controversy, lasting from Thursday until Saturday afternoon. It was maintained by the advocates of the resolution that under the old system the speaker, through a committee on rules appointed and dominated by himself, exercised "inordinate and tyrannical power" in shaping or preventing legislation, and that the real question at issue was whether that power should be limited or continued. It was further argued that a committee on rules elected in the manner proposed would be more truly representative of all the congressional districts and more amenable to the will of the majority. The "regular" republicans, on the other hand, insisted that the old rules had been evolved in the course of time, because they had been found necessary in order to transact business in the house; that they were not and could not be enforced except by the will of the majority; that they had been adopted and used by democratic as well as republican congresses, and that they had been fairly and impartially enforced by Speaker Cannon.

The point of order having been made that the resolution was not a privileged one under the constitution, the speaker, basing his decision upon a ruling made by Samuel J. Randall in 1878, sustained the point of order. Mr. Norris appealed from the decision and moved the previous question. After a motion to lay the appeal on the table had been voted down (yeas 164, nays 182) the previous question was ordered by a vote of yeas 182, nays 161, and the house refused to concur in the decision of the speaker by a vote of 160 yeas to 182 nays. The question then recurring to the adoption of the resolution, Mr. Norris offered the following substitute:

"Resolved, That the rules of the house of representatives be amended as follows:

"1. In rule X, paragraph 1, strike out the words 'on rules to consist of five members.'

"2. Add new paragraph to rule X, as follows:

"'Paragraph 5. There shall be a committee on rules, elected by the house, consisting of ten members, six of whom shall be members of the majority party and four of whom shall be members of the minority party. The speaker shall not be a member of the committee and the committee shall elect its own chairman from its own members.'

"Resolved, further, That within ten days after the adoption of this resolution there shall be an election of this committee, and immediately upon its election the present committee on rules shall be dissolved."

The resolution as amended by the substitute was adopted, yeas 190, nays 157. The following republicans voted for the resolution, the remainder of the affirmative vote consisting of democrats:

Ames (Mass.).	Kopp (Wis.).
Barnard (Iowa).	Kustermann (Wis.).
Cary (Wis.).	Lenroot (Wis.).
Cooper (Wis.).	Lindbergh (Minn.).
Davidson (Wis.).	Madison (Kas.).
Dawson (Iowa).	Martin (S. D.).
Davis (Minn.).	McLaughlin (Mich.).
Fish (N. Y.).	Miller (Minn.).
Foelker (N. Y.).	Morse (Wis.).
Fowler (N. J.).	Murdock (Kas.).
Gardner (Mass.).	Nelson (Wis.).
Good (Iowa).	Norris (Neb.).
Gronna (N. D.).	Packett (Iowa).
Haugen (Iowa).	Parsons (N. Y.).
Hayes (Cal.).	Poindexter (Wash.).
Hinshaw (Neb.).	Plumley (Vt.).
Hollingsworth (O.).	Steenerson (Minn.).
Howland (O.).	Taylor (O.).
Hubbard (Iowa).	Townsend (Mich.).
Johnson (O.).	Volstead (Minn.).
Kendall (Iowa).	Woods (Iowa).
Kinkaid (Neb.).	

After announcing the vote the speaker made a brief statement in which he said that there were two courses open for him to pursue—one was to resign and permit the new combination of democrats and insurgents to choose a speaker in harmony with its aims and purposes. The other was for that combination to declare a vacancy in the office of speaker and proceed to the election of a new speaker. The first course he declined to pursue, because it might endanger the final passage of all legislation necessary to redeem republican pledges and because he was not conscious of having done any political wrong.

"There has been much talk on the part of the minority and the insurgents," said Mr. Cannon in conclusion, "of the 'czarism' of the speaker, culminating in the action taken to-day. The real truth is that there is no coherent republican majority in the house of representatives. Therefore, the real majority ought to have the courage of its convictions and logically meet the situation that confronts it.

"The speaker does now believe, and has always believed, that this is a government through parties, and that parties can act only through majorities. The speaker has always believed in and bowed to the will of the majority in convention, in caucus and in the legislative hall, and to-day profoundly believes that to act otherwise is to disorganize parties, is to prevent coherent action in any legislative body, is to make impossible the reflection of the wishes of the people in statutes and in laws.

"The speaker has always said that, under the constitution, it is a question of the highest privilege for an actual majority of the house at any time to choose a new speaker, and again notifies the house that the speaker will at this moment or at any other time while he remains speaker entertain, in conformity with the highest constitutional privilege, a motion by any member to vacate the office of the speakership and choose a new speaker; and, under existing conditions, would welcome such action upon the part of the actual majority of the house, so that power and responsibility may rest with the democratic and insurgent members, who, by the last vote, evidently constitute a majority of this house. The chair is now ready to entertain such motion."

Mr. Burleson (dem.) of Texas offered a resolution that the office of speaker of the house of representatives be declared vacant and that the house proceed at once to the election of a new speaker. The motion was voted down, nays 192, yeas 155. Of those voting yea the following were republicans: Cary (Wis.), Cooper (Wis.), Davis (Minn.), Gronna (N. D.), Lenroot (Wis.), Lindbergh (Minn.), Murdock (Kas.), Nelson (Wis.), Poindexter (Wash.).

Acting under the Norris resolution a caucus of the republican members of the house was held March 23, and the following were chosen to represent the majority on the new committee on rules:

Walter I. Smith, Iowa.
John Dalzell, Pennsylvania.
Sylvester C. Smith, California.
George P. Lawrence, Massachusetts.
J. Sloat Fassett, New York.
Henry S. Boutell, Illinois.

At a caucus of the democratic members held March 24 the following were chosen to represent the minority:

Champ Clark, Missouri.
Oscar W. Underwood, Alabama.
Lincoln Dixon, Indiana.
John J. Fitzgerald, New York.

By a resolution unanimously adopted March 25 the men named at the party caucuses were made the committee on rules of the house.

COMMERCE COURT AND RAILROAD-RATE LAW.

An act to create a commerce court and to amend the act entitled "An act to regulate commerce," approved Feb. 4, 1887, as heretofore amended, and for other purposes.

Be it enacted, etc., that a court of the United States is hereby created which shall be known as the Commerce court and shall have the jurisdiction now possessed by the Circuit courts of the United States and the judges thereof over all cases of the following kinds:

1. All cases for the enforcement, otherwise than by adjudication and collection of a forfeiture or

penalty or by infliction of criminal punishment, of any order of the interstate commerce commission other than for the payment of money.

2. Cases brought to enjoin, set aside, annul or suspend in whole or in part any order of the interstate commerce commission.

3. Such cases as by section 3 of the act entitled "An act to further regulate commerce with foreign nations and among the states," approved Feb. 19, 1903, are authorized to be maintained in a Circuit court of the United States.

4. All such mandamus proceedings as under the provisions of section 20 or section 23 of the act entitled "An act to regulate commerce," approved Feb. 4, 1887, as amended, are authorized to be maintained in a Circuit court of the United States.

Nothing contained in this act shall be construed as enlarging the jurisdiction now possessed by the Circuit courts of the United States or the judges thereof that is hereby transferred to and vested in the Commerce court.

The jurisdiction of the Commerce court over cases of the foregoing classes shall be exclusive, but this act shall not affect the jurisdiction now possessed by any Circuit or District court of the United States over cases or proceedings of a kind not within the above enumerated classes.

COMPOSITION OF COURT.

The Commerce court shall be a court of record and shall have a seal of such form and style as the court may prescribe. The said court shall be composed of five judges, to be from time to time designated and assigned thereto by the chief justice of the United States, from among the Circuit judges of the United States, for the period of five years, except that in the first instance the court shall be composed of the five additional Circuit judges to be appointed as hereinafter provided, who shall be designated by the president to serve for one, two, three, four and five years, respectively, in order that the period of designation of one of said judges shall expire in each year thereafter. In case of the death, resignation or termination of assignment of any judge so designated the chief justice shall designate a Circuit judge to fill the vacancy so caused to serve during the unexpired period for which the original designation was made. After the year 1914 no Circuit judge shall be redesignated to serve in the Commerce court until the expiration of at least one year after the expiration of the period of his last previous designation. The judge first designated for the five-year period shall be the presiding judge of said court, and thereafter the judge senior in designation shall be the presiding judge.

Each of the judges during the period of his service in the Commerce court shall, on account of the regular sessions of the court being held in the city of Washington, receive in addition to his salary as Circuit judge an expense allowance at the rate of $1,500 per annum.

The president shall, by and with the advice and consent of the senate, appoint five additional Circuit judges, no two of whom shall be from the same judicial circuit, who shall hold office during good behavior and who shall be from time to time designated and assigned by the chief justice of the United States for service in the Circuit court of any district or the Circuit court of appeals for any circuit or in the Commerce court.

The associate judges shall have precedence and shall succeed to the place and powers of the presiding judge whenever he may be absent or incapable of acting, in the order of the date of their designations. Four of said judges shall constitute a quorum, and at least a majority of the court shall concur in all decisions.

The court shall also have a clerk and a marshal, with the same duties and powers, so far as they may be appropriate and are not altered by rule of the court, as are now possessed by the clerk and marshal, respectively, of the Supreme court of the United States. The offices of the clerk and marshal of the court shall be in the city of Washington in the District of Columbia. The judges of the court shall appoint the clerk and marshal, and may also appoint, if they find it necessary, a deputy clerk and deputy marshal, and such clerk, marshal, deputy clerk and deputy marshal shall hold office during the pleasure of the court. The salary of the clerk shall be $4,000 per annum; the salary of the marshal $3,000 per annum; the salary of the deputy clerk $2,500, and the salary of the deputy marshal $2,500 per annum. The said clerk and marshal may, with the approval of the court, employ all requisite assistance.

The costs and fees in said court shall be established by the court in a table thereof, approved by the Supreme court of the United States, within four months after the organization of the court, but such costs and fees shall in no case exceed those charged in the Supreme court of the United States and shall be accounted for and paid into the treasury of the United States.

The Commerce court shall be always open for the transaction of business. Its regular sessions shall be held in the city of Washington, in the District of Columbia, but the powers of the court or of any judge thereof, or of the clerk, marshal, deputy clerk or deputy marshal, may be exercised anywhere in the United States, and for expedition of the work of the court and the avoidance of undue expense or inconvenience to suitors the court shall hold sessions in different parts of the United States as may be found desirable. The actual and necessary expenses of the judges, clerk, marshal, deputy clerk and deputy marshal of the court incurred for travel and attendance elsewhere than in the city of Washington shall be paid upon the written and itemized certificate of such judge, clerk, marshal, deputy clerk or deputy marshal by the marshal of the court, and shall be allowed to him in the statement of his accounts with the United States.

The United States marshals of the several districts outside of the city of Washington in which the Commerce court may hold its sessions shall provide, under the direction and with the approval of the attorney-general of the United States, such rooms in the public buildings of the United States as may be necessary, but in case proper rooms cannot be provided in such public buildings, said marshals, with the approval of the attorney-general of the United States, may then lease from time to time other necessary rooms for the court.

If, at any time, the business of the Commerce court does not require the services of all the judges, the chief justice of the United States may, by writing, signed by him and filed in the department of justice, terminate the assignment of any of the judges or temporarily assign him for service in any Circuit court or Circuit Court of Appeals. In case of illness or other disability of any judge assigned to the Commerce court the chief justice of the United States may assign any other Circuit judge of the United States to act in his place, and may terminate such assignment when the exigence therefor shall cease, and any Circuit judge so assigned to act in place of such judge shall, during his assignment, exercise all the powers and perform all the functions of such judge.

JURISDICTION.

In all cases within its jurisdiction the Commerce court and each of the judges assigned thereto shall, respectively, have and may exercise any and all of the powers of a Circuit court of the United States and of the judges of said court, respectively, so far as the same may be appropriate to the effective exercise of the jurisdiction hereby conferred. The Commerce court may issue all writs and process appropriate to the full exercise of its jurisdiction and powers and may prescribe the form thereof. It may also, from time to time, establish such rules and regulations concerning pleading, practice or procedure in cases and matters within its jurisdiction as to the court shall seem wise and proper. Its orders, writs and process may run, be served and be returnable anywhere in the United States, and the marshal and deputy marshal of said court and also the United States marshals and deputy marshals in the several districts of the United States shall have like powers and be under like duties to act for and in behalf of said court as pertain to United States marshals and deputy marshals generally when acting under like conditions concerning suits or matters in the circuits of the United States.

The jurisdiction of the Commerce court shall be

invoked by filing in the office of the clerk of the court a written petition, setting forth briefly and succinctly the facts constituting the petitioner's cause of action and specifying the relief sought. A copy of such petition shall forthwith be served by the marshal or a deputy marshal of the Commerce court or by the proper United States marshal or deputy marshal upon every defendant therein named, and when the United States is a party defendant the service shall be made by filing a copy of said petition in the office of the secretary of the interstate commerce commission and in the department of justice. Within thirty days after the petition is served, unless that time is extended by order of the court or a judge thereof, an answer to the petition shall be filed in the clerk's office and a copy thereof mailed to the petitioner's attorney, which answer shall briefly and categorically respond to the allegations of the petition. No replication need be filed to the answer, and objections to the sufficiency of the petition or answer as not setting forth a cause of action or defense must be taken at the final hearing or by motion to dismiss the petition based on said grounds, which motion may be made at any time before answer is filed. In case no answer shall be filed as provided herein the petitioner may apply to the court on notice for such relief as may be proper upon the facts alleged in the petition. The court may, by rule, prescribe the method of taking evidence in cases pending in said court, and may prescribe that the evidence be taken before a single judge of the court, with power to rule upon the admission of evidence. Except as may be otherwise provided in this act or by rule of the court the practice and procedure in the Commerce court shall conform as nearly as may be to that in like cases in a Circuit court of the United States.

The Commerce court shall be opened for the transaction of business at a date to be fixed by order of the said court, which shall be not later than thirty days after the judges thereof shall have been designated.

APPEALS.

Sec. 2. That a final judgment or decree of the Commerce court may be reviewed by the Supreme court of the United States if appeal to the Supreme court be taken by an aggrieved party within sixty days after the entry of said final judgment or decree. Such appeal may be taken in like manner as appeals from a Circuit court of the United States to the Supreme court, and the Commerce court may direct the original record to be transmitted on appeal instead of a transcript thereof. The Supreme court may affirm, reverse or modify the final judgment or decree of the Commerce court as the case may require.

Appeal to the Supreme court, however, shall in no case supersede or stay the judgment or decree of the Commerce court appealed from, unless the Supreme court or a justice thereof shall so direct, and appellant shall give bond in such form and of such amount as the Supreme court or the justice of that court allowing the stay may require.

An appeal may also be taken to the Supreme court of the United States from an interlocutory order or decree of the Commerce court granting or continuing an injunction restraining the enforcement of an order of the interstate commerce commission, provided such appeal be taken within thirty days from the entry of such order or decree.

Appeals to the Supreme court under this section shall have priority in hearing and determination over all other causes except criminal causes in that court.

Sec. 3. That suits to enjoin, set aside, annul or suspend any order of the interstate commerce commission shall be brought in the Commerce court against the United States. The pendency of such suit shall not of itself stay or suspend the operation of the order of the interstate commerce commission, but the Commerce court, in its discretion, may restrain or suspend, in whole or in part, the operation of the commission's order pending the final hearing and determination of the suit. No order or injunction so restraining or suspending an order of the interstate commerce commission shall be made by the Commerce court otherwise than upon notice and after hearing, except that, in cases where irreparable damage would otherwise ensue to the petitioner, said court or a judge thereof may, on hearing after not less than three days' notice to the interstate commerce commission and the attorney-general, allow a temporary stay or suspension in whole or in part of the operation of the order of the interstate commerce commission for not more than sixty days from the date of the order of such court or judge, pending application to the court for its order or injunction, in which case the said order shall contain a specific finding, based upon the evidence submitted to the judge making the order and identified by reference thereto, that such irreparable damage would result to the petitioner and specifying the nature of the damage. The court may, at the time of hearing such application, upon a like finding, continue the temporary stay or suspension in whole or in part until its decision upon the application.

Sec. 4. That all cases and proceedings in the Commerce court which but for this act would be brought by or against the interstate commerce commission shall be brought by or against the United States, and the United States may intervene in any case or proceeding in the Commerce court whenever, though it has not been made a party, public interests are involved.

Sec. 5. That the attorney-general shall have charge and control of the interests of the government in all cases and proceedings in the Commerce court and in the Supreme court of the United States upon appeal from the Commerce court, and if in his opinion the public interest requires it he may retain and employ in the name of the United States, within the appropriations from time to time made by the congress for such purposes, such special attorneys and counselors at law as he may think necessary to assist in the discharge of any of the duties incumbent upon him and his subordinate attorneys, and the attorney-general shall stipulate with such special attorneys and counsel the amount of their compensation, which shall not be in excess of the sums appropriated therefor by congress for such purposes, and shall have the supervision of their action; provided that the interstate commerce commission and any party or parties in interest to the proceedings before the commission, in which an order or requirement is made, may appear as parties thereto of their own motion and as of right, and be represented by their counsel, in any suit wherein is involved the validity of such order or requirement or any part thereof, and the interest of such party, and the court wherein is pending such suit may make all such rules and orders as to such appearances and representations, the number of counsel and all matters of procedure and otherwise as to subserve the ends of justice and speed the determination of such suits; provided further, that communities, associations, corporations, firms and individuals who are interested in the controversy or question before the interstate commerce commission or in any suit which may be brought by any one under the terms of this act or the acts of which it is amendatory or which are amendatory of it, relating to action of the interstate commerce commission, may intervene in said suit or proceedings at any time after the institution thereof, and the attorney-general shall not dispose of or discontinue said suit or proceeding over the objection of such party or intervenor aforesaid, but said intervenor or intervenors may prosecute, defend or continue said suit or proceeding unaffected by the action or noraction of the attorney-general of the United States therein.

Complainants before the interstate commerce commission interested in a case shall have the right to appear and be made parties to the case and be represented before the courts by counsel under such regulations as are now permitted in similar circumstances under the rules and practice of equity courts of the United States.

Sec. 6. That until the opening of the Commerce court, as in section 1 hereof provided, all cases and proceedings of which from that time the Commerce court is hereby given exclusive jurisdiction may be brought in the same courts and conducted in like manner and with like effect as

is now provided by law, and if any such case or proceeding shall have gone to final judgment or decree before the opening of the Commerce court, appeal may be taken from such final judgment or decree in like manner and with like effect as is now provided by law. Any such case or proceeding within the jurisdiction of the Commerce court which may have been begun in any other court as hereby allowed before the said date shall be forthwith transferred to the Commerce court, if it has not yet proceeded to final judgment or decree in such other court, unless it has been finally submitted for the decision of such court, in which case the cause shall proceed in such court to final judgment or decree and further proceeding thereafter, and appeal may be taken direct to the Supreme court, and if remanded such cause may be sent back to the court from which the appeal was taken or to the Commerce court for further proceeding, as the Supreme court shall direct, and all previous proceedings in such transferred case shall stand and operate notwithstanding the transfer, subject to the same control over them by the Commerce court and to the same right of subsequent action in the case or proceeding as if the transferred case or proceeding had been originally begun in the Commerce court. The clerk of the court from which any case or proceeding is so transferred to the Commerce court shall transmit to and file in the Commerce court the originals of all papers filed in such case or proceeding and a certified transcript of all record entries in the case or proceeding up to the time of transfer.

It shall be the duty of every common carrier subject to the provisions of this act, within sixty days after the taking effect of this act, to designate in writing an agent in the city of Washington, District of Columbia, upon whom service of all notices and processes may be made for and on behalf of said common carrier in any proceeding or suit pending before the interstate commerce commission or before said Commerce court, and to file such designation in the office of the secretary of the interstate commerce commission, which designation may from time to time be changed by like writing, similarly filed, and thereupon service of all notices and processes may be made upon such common carrier by leaving a copy thereof with such designated agent at his office or usual place of residence in the city of Washington, with like effect as if made personally upon such common carrier, and in default of such designation of such agent, service of any notice or other process in any proceeding before said interstate commerce commission or Commerce court may be made by posting such notice or process in the office of the secretary of the interstate commerce commission.

TELEGRAPH AND TELEPHONE LINES.

Sec. 7. Section 1 of the act to regulate commerce, approved Feb. 4, 1887, as heretofore amended, is amended so as to make the provisions of the law applicable to telegraph, telephone and cable companies (whether wire or wireless) engaged in sending messages from one state, territory or district of the United States to any other state, territory or district of the United States or to any foreign country, who shall be considered and held to be common carriers within the meaning and purpose of this act.

"All charges made for any service rendered or to be rendered in the transportation of passengers or property and for the transmission of messages by telegraph, telephone or cable shall be just and reasonable, and every unjust and unreasonable charge for such service or any part thereof is prohibited and declared to be unlawful. Provided, that messages by telegraph, telephone or cable, subject to the provisions of this act, may be classified into day, night, repeated, letter, commercial, press, government and such other classes as are just and reasonable, and different rates may be charged for the different classes of messages; and, provided further, that nothing in this act shall be construed to prevent telephone, telegraph and cable companies from entering into contracts with common carriers for the exchange of services."

Sec. 8. Section 4 of the act is amended so as to make it unlawful for any common carrier to charge any greater compensation as a through route than the aggregate of the intermediate rates subject to the provisions of this act. No rates or charges lawfully existing at the time of the passage of this amendatory act shall be required to be changed by reason of the provisions of this section prior to the expiration of six months after the passage of this act, nor in any case where application shall have been filed before the commission, in accordance with the provisions of this section, until a determination of such application by the commission.

Whenever a carrier by railroad shall in competition with a water route or routes reduce rates on the carriage of any species of freight to and from competitive points it shall not be permitted to increase such rates unless after a hearing by the interstate commerce commission it shall be found that such proposed increase rests upon changed conditions other than the elimination of water competition.

Sec. 9. Four new paragraphs are added to section 6 of this act: The commission may reject any schedule which does not give lawful notice of its effective date. In case of failure on the part of any carrier to comply with any order or regulation made by the commission, such carrier shall be liable to a fine of $500 for each offense and $25 for each day of the continuance of the offense. If any common carrier, after a written request by any person or company for a written statement of the rate or charge applicable to a described shipment between stated places under the tariffs to which such carrier is party, shall refuse or omit to make such statement within a reasonable time or shall misstate in writing the applicable rate, and if the person or company making such request suffers damages by reason of such refusal or omission or in consequence of the misstatement made, the carrier shall be liable to a penalty of $250. It shall be the duty of every carrier by railroad to keep posted in every station where freight is received the name of an agent resident in the place where the station is located, to whom application may be made for the information by this section required to be furnished on written request.

Sec. 10. Section 10 of the act, as heretofore amended, is amended so as to make the third paragraph read:

"Any person, corporation or company or any agent or officer thereof, who shall deliver property for transportation to any common carrier subject to the provisions of this act, or for whom, as consignor or consignee, any such carrier shall transport property, who shall knowingly and willfully, directly or indirectly, himself or by employe, agent, officer or otherwise, by false billing, false classification, false weighing, false representation of the contents of the package or the substance of the property, false report of weight, false statement or by any other device or means, whether with or without the consent or connivance of the carrier, its agent or officer, obtain or attempt to obtain transportation for such property at less than the regular rates then established and in force on the line of transportation, or who shall knowingly and willfully, directly or indirectly, himself or by employe, agent, officer or otherwise, by false statement or representation as to cost, value, nature or extent of injury or by the use of any false bill, bill of lading, receipt, voucher, roll, account, claim, certificate, affidavit or deposition, knowing the same to be false, fictitious or fraudulent, or to contain any false, fictitious or fraudulent statement or entry, obtain or attempt to obtain any allowance, refund or payment for damage or otherwise in connection with or growing out of the transportation of or agreement to transport such property, whether with or without the consent or connivance of the carrier, whereby the compensation of such carrier for such transportation, either before or after payment, shall in fact be made less than the regular rates then established and in force on the line of transportation, shall be deemed guilty of fraud, which is hereby declared a misdemeanor, and shall, upon conviction thereof in any court of the United States of competent jurisdiction within the district in which such offense was wholly or in part com-

mitted, be subject to a fine of not exceeding $5,000 or imprisonment in the penitentiary for a term of not exceeding two years or both, in the discretion of the court; provided, that the penalty of imprisonment shall not apply to artificial persons."

Sec. 11. Section 13 of the act is amended so as to provide that the interstate commerce commission shall have the same powers and authority to proceed with any inquiry instituted on its own motion as though it had been appealed to by complaint or petition under any of the provisions of the act, including the power to make and enforce any order or orders in the case, or relating to the matter or thing concerning which inquiry is had excepting orders for the payment of money.

RATE REGULATIONS.

Sec. 12. Section 15 of the act, as heretofore amended, is further amended so as to read as follows:

"That whenever, after full hearing upon a complaint made as provided in section 13 of this act or after a full hearing under an order for investigation and hearing made by the commission on its own initiative (either in extension of any pending complaint or without any complaint whatever), the commission shall be of opinion that any individual or joint rates or charges whatsoever demanded, charged or collected by any common carrier or carriers subject to the provisions of this act for the transportation of persons or property or for the transmission of messages by telegraph or telephone as defined in the first section of this act, or that any individual or joint classifications, regulations or practices whatsoever of such carrier or carriers subject to the provisions of this act are unjust or unreasonable or unjustly discriminatory or unduly preferential or prejudicial or otherwise in violation of any of the provisions of this act, the commission is hereby authorized and empowered to determine and prescribe what will be the just and reasonable individual or joint rate or rates, charge or charges, to be thereafter observed in such case as the maximum to be charged and what individual or joint classification, regulation or practice is just, fair and reasonable to be thereafter followed, and to make an order that the carrier or carriers shall cease and desist from such violation to the extent to which the commission finds the same to exist, and shall not thereafter publish, demand or collect any rate or charge for such transportation or transmission in excess of the maximum rate or charge so prescribed and shall adopt the classification and shall conform to and observe the regulation or practice so prescribed. All orders of the commission, except orders for the payment of money, shall take effect within such reasonable time, not less than thirty days, and shall continue in force for such period of time not exceeding two years, as shall be prescribed in the order of the commission, unless the same shall be suspended or modified or set aside by the commission, or be suspended or set aside by a court of competent jurisdiction. Whenever the carrier or carriers, in obedience to such order of the commission or otherwise, in respect to joint rates, fares or charges, shall fail to agree among themselves upon the apportionment or division thereof the commission may, after hearing, make a supplemental order prescribing the just and reasonable proportion of such joint rate to be received by each carrier party thereto, which order shall take effect as a part of the original order.

"Whenever there shall be filed with the commission any schedule stating a new individual or joint rate, fare or charge or any new individual or joint classification, or any new individual or joint regulation or practice affecting rate, fare or charge, the commission shall have, and it is hereby given, authority, either upon complaint or upon its own initiative without complaint, at once, and if it so orders, without answer or other formal pleading by the interested carrier or carriers, but upon reasonable notice, to enter upon a hearing concerning the propriety of such rate, fare, charge, classification, regulation or practice, and pending such hearing and the decision thereon the commission upon filing with such schedule and delivering to the carrier or carriers affected thereby a statement in writing of its reasons for such suspension may suspend the operation of such schedule and defer the use of such rate, fare, classification, regulation or practice, but not for a longer period than 120 days beyond the time when such rate, fare, charge, classification, regulation or practice would otherwise go into effect, and after full hearing, whether completed before or after the rate, charge, classification, regulation or practice goes into effect, the commission may make such order in reference to such rate, charge, classification, regulation or practice as would be proper in a proceeding initiated after the rate, fare, charge, classification, regulation or practice had become effective; provided, that if any such hearing cannot be concluded within the period of suspension, as above stated, the interstate commerce commission may, in its discretion, extend the time of suspension for a further period not exceeding six months. At any hearing involving a rate increased after Jan. 1, 1910, or of a rate sought to be increased after the passage of this act, the burden of proof to show that the proposed increased rate is just and reasonable shall be upon the common carrier, and the commission shall give to the hearing and decision of such questions preference over all other questions pending before it and decide the same as speedily as possible.

THROUGH ROUTES.

"The commission may also, after hearing, on a complaint or upon its own initiative without complaint, establish through routes and joint classifications and may establish joint rates as the maximum to be charged and may prescribe the division of such rates as hereinbefore provided and the terms and conditions under which such through routes shall be operated, whenever the carriers themselves shall have refused or neglected to establish voluntarily such through routes or joint classifications or joint rates, and this provision shall apply when one of the connecting carriers is a water line. The commission shall not, however, establish any through route, classification or rate between street electric passenger railways not engaged in the general business of transporting freight in addition to their passenger and express business and railroads of a different character, nor shall the commission have the right to establish any through route, classification, rate, fare or charge when the transportation is wholly by water, and any transportation by water affected by this act shall be subject to the laws and regulations applicable to transportation by water.

"And in establishing such through route the commission shall not require any company, without its consent, to embrace in such route substantially less than the entire length of its railroad and of any intermediate railroad operated in conjunction and under a common management or control therewith which lies between the termini of such proposed through route, unless to do so would make such through route unreasonably long as compared with another practicable through route which could otherwise be established.

"In all cases where at the time of delivery of property to any railroad corporation being a common carrier, for transportation subject to the provisions of this act to any point of destination, between which and the point of such delivery for shipment two or more through routes and through rates shall have been established as in this act provided, to which through routes and through rates such carrier is a party, the person, firm or corporation making such shipment, subject to such reasonable exceptions and regulations as the interstate commerce commission shall from time to time prescribe, shall have the right to designate in writing by which of such through routes such property shall be transported to destination, and it shall thereupon be the duty of the initial carrier to route said property and issue a through bill of lading therefor as so directed, and to transport said property over its own line or lines and deliver the same to a connecting line or lines according to such through route, and it shall be the duty of each of said connecting carriers to receive said property and transport it over the said line or lines and deliver the same to the next succeeding carrier or consignee according to the routing instructions in

said bill of lading; provided, however, that the shipper shall in all instances have the right to determine, where competing lines of railroad constitute portions of a through line or route, over which of said competing lines so constituting a portion of said through line or route his freight shall be transported.

"It shall be unlawful for any common carrier subject to the provisions of this act or any officer, agent or employe of such common carrier, or for any other person or corporation lawfully authorized by such common carrier to receive information therefrom, knowingly to disclose to or permit to be acquired by any person or corporation other than the shipper or consignee, without the consent of such shipper or consignee, any information concerning the nature, kind, quantity, destination, consignee or routing of any property tendered or delivered to such common carrier for interstate transportation, which information may be used to the detriment or prejudice of such shipper or consignee or which may improperly disclose his business transactions to a competitor; and it shall also be unlawful for any person or corporation to solicit or knowingly receive any such information which may be so used; provided, that nothing in this act shall be construed to prevent the giving of such information in response to any legal process issued under the authority of any state or federal court or to any officer or agent of the government of the United States or of any state or territory, in the exercise of his powers, or to any officer or other duly authorized person seeking such information for the prosecution of persons charged with or suspected of crime; or information given by a common carrier to another carrier or its duly authorized agent, for the purpose of adjusting mutual traffic accounts in the ordinary course of business of such carriers.

"Any person, corporation or association violating any of the provisions of the next preceding paragraph of this section shall be deemed guilty of a misdemeanor, and for each offense, on conviction, shall pay to the United States a penalty of not more than $1,000.

"If the owner of the property transported under this act directly or indirectly renders any service connected with such transportation or furnishes any instrumentality used therein, the charge and allowance therefor shall not be more than is just and reasonable, and the commission may, after a hearing on complaint or on its own initiative, determine what is a reasonable charge as the maximum to be paid by the carrier or carriers for the services so rendered or for the use of the instrumentality so furnished, and fix the same by appropriate order, which order shall have the same force and effect and be enforced in like manner as the orders above provided for under this section.

"The foregoing enumeration of powers shall not exclude any power which the commission would otherwise have in the making of an order under the provisions of this act."

Sec. 13. Section 16 of the act, as heretofore amended, is further amended so as to permit the filing of petitions for damages in state courts of general jurisdiction, as well as in the Circuit courts of the United States. Every order of the commission shall be served upon the designated agent of the carrier in the city of Washington or in such other manner as may be provided by law.

If any carrier fails or neglects to obey any order of the commission other than for the payment of money, while the same is in effect, the interstate commerce commission or any party injured thereby, or the United States, by its attorney-general, may apply to the Commerce court for the enforcement of such order. If, after hearing, that court determines that the order was regularly made and duly served and that the carrier is in disobedience of the same, the court shall enforce obedience to such order by a writ of injunction or other proper process, mandatory or otherwise, to restrain such carrier, its officers, agents or representatives from further disobedience of such order or to enjoin upon it or them obedience to the same.

Sec. 14. Section 20 of the act, as heretofore amended, is further amended by providing that the detailed reports required from the carriers subject to the act shall contain statistics for the twelve months ending June 30 in each year or Dec. 31, if the commission by order substitute that period for the year ending June 30.

Sec. 15. Nothing in the act shall undo or impair any proceedings heretofore taken by or before the interstate commission.

STOCK AND BOND COMMISSION.

Sec. 16. That the president is hereby authorized to appoint a commission to investigate questions pertaining to the issuance of stocks and bonds by railroad corporations, subject to the provisions of the act to regulate commerce, and the power of congress to regulate or affect the same and to fix the compensation of the members of such commission. Said commission shall be and is hereby authorized to employ experts to aid in the work of inquiry and examination, and such clerks, stenographers and other assistants as may be necessary, which employes shall be paid such compensation as the commission may deem just and reasonable upon a certificate to be issued by the chairman of the commission. The several departments and bureaus of the government shall detail from time to time such officials and employes and furnish such information to the commission as may be directed by the president. For the purposes of its investigations the commission shall be authorized to incur and have paid upon the certificate of its chairman such expenses as the commission shall deem necessary; provided, however, that the total expenses authorized or incurred under the provisions of this section for compensation, employes or otherwise shall not exceed the sum of $25,000.

[The following were appointed Sept. 3, 1910, as members of the stock and bond commission authorized by this section: Dr. Arthur T. Hadley, president of Yale university, chairman; Frederick N. Judson, St. Louis, Mo.; Frederick Strauss, New York, N. Y.; Walter L. Fisher, Chicago, Ill.; Prof. H. B. Meyer, Madison, Wis.]

Sec. 17. That no interlocutory injunction suspending or restraining the enforcement, operation or execution of any statute of a state by restraining the action of any officer of such state in the enforcement or execution of such statute shall be issued or granted by any justice of the Supreme court or by any Circuit court of the United States or by any judge thereof or by any district judge acting as circuit judge, upon the ground of the unconstitutionality of such statute unless the application for the same shall be presented to a justice of the Supreme court of the United States or to a circuit judge or to a district judge acting as circuit judge, and shall be heard and determined by three judges, of whom at least one shall be a justice of the Supreme court of the United States or a circuit judge, and the other two may be either circuit or district judges, and unless a majority of said three judges shall concur in granting such application. Whenever such application as aforesaid is presented to a justice of the Supreme court of the United States or to a judge he shall immediately call to his assistance to hear and determine the application two other judges; provided, however, that one of such three judges shall be a justice of the Supreme court of the United States or a circuit judge. Said application shall not be heard or determined before at least five days' notice of the hearing has been given to the governor and to the attorney-general of the state and to such other persons as may be defendants in the suit; provided, that if of opinion that irreparable loss or damage would result to the complainant unless a temporary restraining order is granted, any justice of the Supreme court of the United States or any circuit or district judge may grant such temporary restraining order at any time before such hearing and determination of the application for an interlocutory injunction, but such temporary restraining order shall only remain in force until the hearing and determination of the application for an interlocutory injunction upon notice as aforesaid. The hearing upon such application for an interlocutory injunction shall be given precedence and shall be in every way expedited and be assigned for a hearing at the earliest practicable day after the expiration of the notice hereinbefore provided for. An appeal may be taken directly to the Supreme

court of the United States from the order granting or denying, after notice and hearing, an interlocutory injunction in such case.

Sec. 18. That this act shall take effect and be in force from and after the expiration of sixty days after its passage, except as to sections 12 and 16, which sections shall take effect and be in force immediately. (Approved June 18, 1910.)

POSTAL SAVINGS BANK LAW.

(Text in full.)

An act to establish postal savings depositories for depositing savings at interest with the security of the government for repayment thereof and for other purposes.

Be it enacted by the senate and house of representatives of the United States of America in congress assembled, that there be and is hereby created a board of trustees for the control, supervision and administration of the postal savings depository offices designated and established under the provisions of this act, and of the funds received as deposits at such postal savings depository offices by virtue thereof. Said board shall consist of the postmaster-general, the secretary of the treasury and the attorney-general, severally, acting ex officio, and shall have power to make all necessary and proper regulations for the receipt, transmittal, custody, deposit, investment and repayment of the funds deposited at postal savings depository offices.

The board of trustees shall submit a report to congress at the beginning of each regular session showing by states and territories (for the preceding fiscal year) the number and names of postoffices receiving deposits, the aggregate amount of deposits made therein, the aggregate amount of withdrawals therefrom, the number of depositors in each, the total amount standing to the credit of all depositors at the conclusion of the year, the amount of such deposits at interest, the amount of interest received thereon, the amount of interest paid thereon, the amount of deposits surrendered by depositors for bonds issued by authority of this act and the number and amount of unclaimed deposits. Also the amount invested in government securities by the trustees, the amount of extra expense of the postoffice department and the postal service incident to the operation of the postal savings depository system, the amount of work done for the savings depository system by the postoffice department and postal service in the transportation of free mail and all other facts which it may deem pertinent and proper to present.

Sec. 2. That the postmaster-general is hereby directed to prepare and issue special stamps of the necessary denominations for use, in lieu of penalty or franked envelopes, in the transmittal of free mail resulting from the administration of this act.

Sec. 3. That said board of trustees is hereby authorized and empowered to designate such postoffices as it may select to be postal savings depository offices, and each and every postoffice so designated by order of said board is hereby declared to be a postal savings depository office within the meaning of this act and to be authorized and required to receive deposits of funds from the public and to account for and dispose of the same, according to the provisions of this act and the regulations made in pursuance thereof. Each postal savings depository office shall be kept open for the transaction of business during such hours as the postmaster-general, with the approval of the board of trustees, shall direct.

ACCOUNTS AND PASS BOOKS.

Sec. 4. That accounts may be opened and deposits made in any postal savings depository established under this act by any person of the age of 10 years or over, in his or her own name, and by a married woman in her own name and free from any control or interference by her husband, but no person shall at the same time have more than one postal savings account in his or her own right.

Sec. 5. That the postmaster at a postal savings depository office shall, upon the making of an application to open an account under this act and the submission of an initial deposit, deliver to the depositor a pass book free of cost, upon which shall be written the name and signature or mark of the depositor and such other memoranda as may be necessary for purposes of identification, in which pass book entries of all deposits and withdrawals shall be made in both figures and writing; provided, that the postmaster-general may, with the approval of the board of trustees, adopt some other device or devices in lieu of a pass book as a means of making and preserving evidence of deposits and withdrawals.

Sec. 6. That at least $1 or a larger amount in multiples thereof must be deposited before an account is opened with the person depositing the same, and $1 or multiples thereof may be deposited after such account has been opened, but no one shall be permitted to deposit more than $100 in any one calendar month; provided that in order that smaller amounts may be accumulated for deposit any person may purchase for 10 cents from any depository office a postal savings card to which may be attached specially prepared adhesive stamps, to be known as "postal savings stamps," and when the stamps so attached amount to $1 or a larger sum in multiples thereof, including the 10-cent postal savings card, the same may be presented as a deposit for opening an account, and additions may be made to any account by means of such card and stamps in amounts of $1 or multiples thereof, and when a card and stamps thereto attached are accepted as a deposit the postmaster shall immediately cancel the same. It is hereby made the duty of the postmaster-general to prepare such postal savings cards and postal savings stamps of denominations of 10 cents and to keep them on sale at every postal savings depository office, and to prescribe all necessary rules and regulations for the issue, sale and cancellation thereof.

Sec. 7. That interest at the rate of 2 per centum per annum shall be allowed and entered to the credit of each depositor once in each year, the same to be computed on such basis and under such rules and regulations as the board of trustees may prescribe, but interest shall not be computed or allowed on fractions of a dollar. Provided, that the balance to the credit of any one person shall never be allowed to exceed $500, exclusive of accumulated interest.

Sec. 8. That any depositor may withdraw the whole or any part of the funds deposited to his or her credit, with the accrued interest, upon demand and under such regulations as the board of trustees may prescribe. Withdrawals shall be paid from the deposits in the state or territory, so far as the postal funds on deposit in such state or territory may be sufficient for the purpose, and, so far as practicable, from the deposits in the community in which the deposit was made. No bank in which postal savings funds shall be deposited shall receive any exchange or other fees or compensation on account of the cashing or collection of any checks or the performance of any other service in connection with the postal savings depository system.

DISPOSAL OF FUNDS.

Sec. 9. That postal savings funds received under the provisions of this act shall be deposited in solvent banks, whether organized under national or state laws, being subject to national or state supervision and examination, and the sums deposited shall bear interest at the rate of not less than 2½ per centum per annum, which rate shall be uniform throughout the United States and territories thereof, but 5 per centum of such funds shall be withdrawn by the board of trustees and kept with the treasurer of the United States, who shall be treasurer of the board of trustees, in lawful money as a reserve. The board of trustees shall take from such banks such security in public bonds or other securities, supported by the taxing power, as the board may prescribe, approve and deem sufficient and necessary to insure the safety and prompt payment of such deposits on demand. The funds received at the postal savings depository offices in each city, town, village and other locality shall be deposited in banks located therein (substantially in proportion to the capital and surplus of each such bank) willing to receive

such deposits under the terms of this act and the regulations made by authority thereof, but the amount deposited in any one bank shall at no time exceed the amount of the paid-in capital and one-half the surplus of such bank. If no such bank exists in any city, town, village or locality, or if none where such deposits are made will receive such deposit on the terms prescribed, then such funds shall be deposited under the terms of this act in the bank most convenient to such locality. If no such bank in any state or territory is willing to receive such deposits on the terms prescribed, then the same shall be deposited with the treasurer of the board of trustees, and shall be counted in making up the reserve of 5 per centum. Such funds may be withdrawn from the treasurer of said board of trustees and all other postal savings funds or any part of such funds may be at any time withdrawn from banks and savings depository offices for the repayment of postal savings depositors when required for that purpose. Not exceeding 30 per centum of the amount of such funds may at any time be withdrawn by the trustees for investment in bonds or other securities of the United States, it being the intent of this act that the residue of such funds, amounting to 65 per centum thereof, shall remain on deposit in the banks in each state and territory willing to receive the same under the terms of this act, and shall be a working balance and also a fund which may be withdrawn for investment in bonds or other securities of the United States, but only by direction of the president, and only when, in his judgment, the general welfare and the interests of the United States so require. Interest and profit accruing from the deposits or investment of postal savings funds shall be applied to the payment of interest due to postal savings depositors as hereinbefore provided, and the excess thereof, if any, shall be covered into the treasury of the United States as a part of the postal revenue; provided, that postal savings funds in the treasury of said board shall be subject to disposition as provided in this act, and not otherwise; and provided further, that the board of trustees may at any time dispose of bonds held as postal savings investments and use the proceeds to meet withdrawals of deposits by depositors. For the purposes of this act the word "territory," as used herein, shall be held to include the District of Columbia, the District of Alaska and Porto Rico, and the word "bank" shall be held to include savings banks and trust companies doing a banking business.

UNITED STATES BONDS.

Sec. 10. That any depositor in a postal savings depository may surrender his deposit or any part thereof, in sums of $20, $40, $60, $80, $100 and multiples of $100 and $500, and receive in lieu of such surrendered deposits, under such regulations as may be established by the board of trustees, the amount of the surrendered deposits in United States coupon or registered bonds of the denominations of $20, $40, $60, $80, $100 and $500, which bonds shall bear interest at the rate 2½ per centum per annum, payable semiannually and be redeemable at the pleasure of the United States after one year from the date of their issue and payable twenty years from such date, and both principal and interest shall be payable in United States gold coin of the present standard of value; provided, that the bonds herein authorized shall be issued only (first) when there are outstanding bonds of the United States subject to call, in which case the proceeds of the bonds shall be applied to the redemption at par of outstanding bonds of the United States subject to call, and (second) at times when under authority of law other than that contained in this act the government desires to issue bonds for the purpose of replenishing the treasury, in which case the issue of bonds under authority of this act shall be in lieu of the issue of a like amount of bonds issuable under authority of law other than that contained in this act; provided further, that the bonds authorized by this act shall be issued by the secretary of the treasury under such regulations as he may prescribe; and provided further, that the authority contained in section nine of this act for the investment of postal savings funds in United States bonds shall include the authority to invest in the bonds herein authorized whenever such bonds may be lawfully issued; and provided further, that the bonds herein authorized shall be exempt from all taxes or duties of the United States, as well as from taxation in any form by or under state, municipal or local authority; and provided further, that no bonds authorized by this act shall be receivable by the treasurer of the United States as security for the issue of circulating notes by national banking associations.

Sec. 11. That whenever the trustees of the postal savings fund have in their possession funds available for investment in United States bonds they may notify the secretary of the treasury of the amount of such funds in their hands which they desire to invest in bonds of the United States subject to call, whereupon, if there are United States bonds subject to call, the secretary of the treasury shall call for redemption an amount of such bonds equal to the amount of the funds in the hands of the trustees which the trustees desire to thus invest, and the bonds so called shall be redeemed at par with accrued interest at the treasury of the United States on and after three months from the date of such call, and interest on the said bonds shall thereupon cease: Provided, that the said bonds when redeemed shall be reissued at par to the trustees without change in their terms as to rate of interest and date of maturity; and provided further, that the bonds so reissued may, in the discretion of the secretary of the treasury, be called for redemption from the trustees in like manner as they were originally called for redemption from their former owners whenever there are funds in the treasury of the United States available for such redemption.

Sec. 12. That postal savings depository funds shall be kept separate from other funds by postmasters and other officers and employes of the postal service, who shall be held to the same accountability under their bonds for such funds as for public moneys, and no person connected with the postoffice department shall disclose to any person other than the depositor the amount of any deposits, unless directed so to do by the postmaster-general. All statutes relating to the safekeeping of and proper accounting for postal receipts are made applicable to postal savings funds and the postmaster-general may require postmasters, assistant postmasters and clerks at postal savings depositories to give any additional bond he may deem necessary.

COMPENSATION OF POSTMASTERS.

Sec. 13. That additional compensation shall be allowed postmasters at postoffices of the fourth class for the transaction of postal savings depository business. Such compensation shall not exceed ¼ of 1 per centum on the average sum upon which interest is paid each calendar year on receipts at such postoffice, and shall be paid from the postal revenues, but postmasters, assistant postmasters, clerks or other employes at postoffices of the presidential grade shall not receive any additional compensation for such service.

Sec. 14. That the sum of $100,000 is hereby appropriated out of any money in the treasury not otherwise appropriated, or so much thereof as may be necessary, to enable the postmaster-general and the board of trustees to establish postal savings depositories in accordance with the provisions of this act, including the reimbursement of the secretary of the treasury for expenses incident to the preparation, issue and registration of the bonds authorized in this act, and the postmaster-general is authorized to require postmasters and other postal officers and employes to transact, in connection with their other duties, such postal savings depository business as may be necessary, and he is also authorized to make and with the approval of the board of trustees to promulgate and from time to time to modify or revoke, subject to the approval of said board, such rules and regulations not in conflict with law as he may deem necessary to carry the provisions of this act into effect.

Sec. 15. That all the safeguards provided by law for the protection of public moneys and all

statutes relating to the embezzlement, conversion, improper handling, retention, use or disposal of postal and money-order funds and the punishments provided for such offenses are hereby extended and made applicable to postal savings depository funds and all statutes relating to false returns of postal and money-order business, the forgery, counterfeiting, alteration, improper use or handling of postal and money-order blanks, forms, vouchers, accounts and records, and the dies, plates and engravings therefor, with the penalties provided in such statutes, are hereby extended and made applicable to postal savings depository business, and the forgery, counterfeiting, alteration, improper use or handling of postal savings depository blanks, forms, vouchers, accounts and records and the dies, plates and engravings therefor.

Sec. 16. That the faith of the United States is solemnly pledged to the payment of the deposits made in postal savings depository offices, with accrued interest thereon as herein provided.

Sec. 17. That the final judgment, order or decree of any court of competent jurisdiction adjudicating any right or interest in the credit of any sums deposited by any person with a postal savings depository if the same shall not have been appealed from and the time for appeal has expired shall, upon submission to the postmaster-general of a copy of the same, duly authenticated in the manner provided by the laws of the United States for the authentication of the records and judicial proceedings of the courts of any state or territory or of any possession subject to the jurisdiction of the United States, when the same are proved or admitted within any other court within the United States, be accepted and pursued by the board of trustees as conclusive of the title, right, interest or possession so adjudicated and any payment of said sum in accordance with such order, judgment or decree shall operate as a full and complete discharge of the United States from the claim or demand of any person or persons to the same. [Approved, June 25, 1910.]

ADMISSION OF NEW MEXICO AND ARIZONA.

The qualified electors of the territory of New Mexico are authorized to vote for and choose delegates to form a constitutional convention for the purpose of framing a constitution for the proposed state of New Mexico. The convention shall consist of 100 delegates apportioned equitably among the several counties of the territory in accordance with the voting population, as shown by the vote for delegate in congress at the election of 1908.

Within thirty days after the approval of this act the governor of the territory shall order an election of such delegates on a day specified, not earlier than sixty nor later than ninety days after the approval of the act. The election shall be conducted under the same rules as obtain in other elections in the territory. The delegates elected shall meet in the hall of the house of representatives in the capital of New Mexico at noon on the fourth Monday after their election and they shall receive compensation for the period they are actually in session, but not for more than sixty days in all. After organization they shall declare on behalf of the people of the proposed state that they adopt the constitution of the United States, whereupon the convention shall form a constitution and provide for a state government. The constitution shall be republican in form and make no distinction in civil or political rights on account of race or color, and shall not be repugnant to the constitution of the United States and the principles of the declaration of independence.

And the convention shall provide by an ordinance irrevocable without the consent of the people of the United States and of the said state:

1. That perfect toleration of religious sentiment shall be secured, that polygamy and the sale of liquor to Indians shall be forever prohibited.

2. That the people of the proposed state do agree and declare that they forever disclaim all right and title to the ungranted public lands lying within its boundaries and to Indian lands acquired from the United States; that lands and other property belonging to nonresident citizens shall never be taxed at a higher rate than the lands and property of residents; that no taxes shall be imposed upon lands or property of the United States.

3. That the debts of the territory and of the counties thereof shall be assumed and paid by the state.

4. That provision shall be made for the establishment and maintenance of a system of public schools, open to all the children of the state and free from sectarian control, and that they shall be conducted in English.

5. That the state shall never enact any law restricting the right of suffrage on account of race, color or previous condition of servitude, and that ability to read, write, speak and understand the English language sufficiently well to conduct the duties of the office without the aid of an interpreter shall be a necessary qualification for all state officers and members of the state legislature.

6. That the capital of the state shall, until changed by the electors of the state voting at an election provided by the legislature for that purpose, be in the city of Santa Fe, but no election shall be called prior to Dec. 31, 1925.

7. That there be and are reserved to the United States, with the full acquiescence of the state, all the rights and powers for carrying out the provisions of the act appropriating the receipts from the sale of public lands in certain states and territories to the construction of irrigation works.

8. That when Indian lands are allotted, sold or disposed of, they shall be subject for a period of twenty-five years to the laws of the United States prohibiting the introduction of liquor into the Indian country.

9. That the state and its people consent to all the provisions of this act concerning the lands granted or confirmed to the state, to the terms upon which they are made and the means of enforcing such terms, as in this act provided.

When the constitution shall be formed the convention shall provide for its submission to the people of New Mexico for ratification at an election to be held on a day not earlier than sixty nor later than ninety days after the convention adjourns. The returns shall be canvassed on the third Monday after the election. If the constitution is rejected the governor shall order the constitutional convention to reassemble at a date not later than twenty days after he receives the documents showing the rejection of the constitution and thereafter a new constitution shall be framed.

When the constitution and such provisions thereof as have been separately submitted shall have been ratified by the people of New Mexico, a certified copy of the same shall be submitted to the president of the United States and to congress for approval. If congress and the president approve the constitution and the separate provisions, or, if the president approves the same and congress fails to disapprove it during the next regular session thereof, then the president shall certify such facts to the governor of New Mexico, who shall within thirty days order an election for state and county officers, members of the legislature, members of congress and such other officers as are provided for in the state constitution.

When the election has been held, the governor shall certify the result to the president of the United States, who thereupon shall issue his proclamation announcing the result of the election. Upon the issuance of this proclamation the proposed state of New Mexico shall be deemed admitted by congress into the union on an equal footing with the other states.

The usual provisions are made for setting aside certain lands for school and university purposes. The state, when admitted, shall constitute one judicial district, which shall be attached to the eighth judicial circuit. The Circuit and District courts shall be held at the capital of the state.

The sum of $100,000 is appropriated for defraying the expenses incident to the elections and convention provided for in the act.

ARIZONA.

The sections of the act relating to the admission of Arizona are similar in nearly all respects to those concerning New Mexico. The delegates to the constitutional convention shall number fifty-two. The capital shall be at Phœnix until changed

at an election, which, however, cannot be held prior to Dec. 31, 1925. (Approved June 20, 1910.)

PUBLICITY OF CAMPAIGN CONTRIBUTIONS.

The term "political committee" in this act shall include the national committees of all political parties and the national congressional campaign committees of all political parties and all committees, associations or organizations which shall in two or more states influence the result or attempt to influence the result of a congressional election.

Every political committee as defined in this act shall have a chairman and a treasurer. It shall be the duty of the treasurer to keep a detailed and exact account of all money or its equivalent received by or promised to such committee or any member thereof or by or to any person acting under its authority or in its behalf, and the name of every person, firm, association or committee from whom received and of all expenditures, disbursements and promises of payment or disbursement made by the committee or any member thereof, or by any person acting under its authority or in its behalf and to whom paid, distributed or disbursed. No officer or member of such committee or other person acting under its authority or in its behalf shall receive any money or its equivalent or expend or promise to expend any money on behalf of such committee until after a chairman or treasurer of such committee shall have been chosen.

Every payment exceeding $10 must be evidenced by a receipted bill stating the particulars of expense and every such record or receipt shall be preserved for fifteen months after the election to which it relates.

Whoever, acting for such political committee, whether a member thereof or otherwise, receives any contribution, payment, loan, gift, advance, deposit or promise of money or its equivalent shall, on demand, and in any event within five days after the receipt of such contribution, render to the treasurer of the committee a detailed account of the same, with the name and address from whom received, and the treasurer shall enter the same in a ledger or record kept by him for that purpose.

The treasurer of every such committee shall, within thirty days after the election at which representatives in congress were chosen in two or more states, file with the clerk in the house of representatives at Washington, D. C., an itemized, detailed statement, sworn to by the treasurer and conforming to the following section of this act. The statement shall be preserved for fifteen months and shall be a part of the public records of his office and shall be open to public inspection.

The statements required by the preceding section of the act shall include:

1. The name and address of each person, firm, association or committee who or which has contributed, promised, loaned or advanced to such political committee, or any officer, member or agent thereof, either in one or more items, money or its equivalent of the aggregate amount or value of $100 or more.

2. The total sum contributed, promised, loaned or advanced to such political committee or to any officer, member or agent thereof, in amounts less than $100.

3. The total sum of all contributions, promises, loans and advances received by such political committee or any officer, member or agent thereof.

4. The name and address of each person, firm, association or committee to whom such political committee or any officer, member or agent thereof has disbursed, distributed, contributed, loaned, advanced or promised any sum of money or its equivalent of the amount or value of $10 or more and the purpose thereof.

5. The total sum disbursed, distributed, contributed, loaned, advanced or promised by such political committee or any officer, member or agent thereof, where the amount or value of such disbursement, distribution, loan, advance or promise to any one person, firm, association or committee in one or more items is less than $10.

6. The total sum disbursed, distributed, contributed, loaned, advanced or promised by such political committee or any officer, member or agent thereof.

Every person, firm, association or committee, except political committees as hereinbefore defined, that shall expend or promise any sum of money or other thing of value amounting to $50 or more for the purpose of influencing or controlling in two or more states the result of an election at which representatives to the congress of the United States are elected, unless he or it shall contribute the same to a political committee as hereinbefore defined, shall file the statements of the same under oath in the office of the clerk of the house of representatives at Washington, D. C., which statements shall be held by the clerk in all respects as required by this act.

Any person may in connection with such election incur and pay from his own private funds for the purpose of influencing or controlling in two or more states the result of an election at which representatives to the congress of the United States are elected all personal expenses for his traveling and for purposes incidental to traveling, for stationery and postage and for telegraph and telephone service without being subject to the provisions of this act.

Nothing contained in this act shall limit or affect the right of any person to spend money for proper legal expenses in maintaining or contesting the results of any election.

Every person willfully violating any of the provisions of this act shall upon conviction be fined not more than $1,000 or imprisoned not more than one year or both. [Approved June 25, 1910.]

IN AID OF CONSERVATION.

BONDS FOR IRRIGATION PROJECTS.

To enable the secretary of the interior to complete government reclamation projects heretofore begun, the secretary of the treasury is authorized to transfer from time to time to the credit of the reclamation fund authorized by the act of June 17, 1902, such sum or sums, not exceeding in the aggregate $20,000,000, as the secretary of the interior may deem necessary to complete such reclamation projects and such extensions thereof as he may deem proper and necessary for the successful and profitable operation thereof, or to protect water rights pertaining thereto claimed by the United States. Such sum or sums are appropriated but no part of the appropriation shall be expended upon any existing project until it shall have been examined and reported upon by a board of engineers of the army designated by the president, and until it shall be approved by the president. No portion of the appropriation shall be expended upon any new project.

To provide the money for such advances to the reclamation fund, the secretary of the treasury is authorized to issue certificates of indebtedness, in denominations of $50 or multiples of that sum, redeemable at any time three years after date of issue and to bear interest not to exceed 3 per cent per annum. All citizens of the United States are to be given an equal opportunity to subscribe for the bonds. [Approved June 25, 1910.]

WITHDRAWALS OF PUBLIC LANDS.

The president may, at any time in his discretion, withdraw from settlement, location, sale or entry any of the public lands of the United States, including Alaska, and reserve the same for water-power sites, irrigation, classification of lands or other public purposes to be specified in the orders of withdrawals and such withdrawals shall remain in force until revoked by him or by an act of congress. All lands so withdrawn shall at all times be open to exploration, discovery, occupation and purchase, under the mining laws of the United States, so far as the same apply to minerals other than coal, oil, gas and phosphates. Hereafter no forest reserve shall be created or any additions be made to those now existing in Oregon, Washington, Idaho, Montana, Colorado or Wyoming, except by act of congress. [Approved June 26, 1910.]

TEMPORARY WITHDRAWALS OF PUBLIC LANDS.

To aid in carrying out the purposes of section 4 of the act of Aug. 18, 1894, making appropriations for the sundry civil expenses of the government

and for other purposes, it shall be lawful for the secretary of the interior, upon application by the proper officer of any state or territory to which the section applies, to withdraw temporarily from settlement or entry areas for which the state or territory proposes to make application, pending the investigation and survey preliminary to the filing of maps and plats and application for segregation by the state or territory. If the state or territory does not present its application for segregation and maps and plats within one year after such temporary withdrawal the lands shall be restored to entry. [Approved March 15, 1910.]

WHITE-SLAVE TRAFFIC ACT.

Any person who shall transport or assist in any way in transporting, in interstate or foreign commerce, any woman or girl for any immoral purpose shall be deemed guilty of a felony, and, upon conviction, shall be punished by a fine of not exceeding $5,000 or by imprisonment of not more than five years, or by both. Any person who shall knowingly induce any woman or girl under 18 years of age to go from one state to any other state for an immoral purpose, and in furtherance of that purpose shall induce her to be carried as a passenger upon the line of any interstate railroad, shall be deemed guilty of a felony, and, on conviction, be punished by a fine of not more than $10,000, or by imprisonment for a term of not more than ten years, or by both. The commissioner-general of immigration of the United States is designated as the authority to receive and centralize information concerning the procuration of alien women and girls for immoral purposes, to exercise supervision over such women, establish their identity and ascertain from them who induced them to leave their native countries. Any person harboring for immoral purposes any alien woman or girl within three years after she shall have entered the United States must file with the commissioner-general of immigration a statement giving all the facts as to port of entry, name, age, nationality, parentage, etc. Any such person failing to file such statement shall be deemed guilty of a misdemeanor punishable by a fine of not more than $2,000 or by imprisonment of not exceeding two years, or by both. [Approved June 25, 1910.]

IMMIGRATION LAW AMENDED.

Section 2 of the act of Feb. 20, 1907, to regulate the immigration of aliens into the United States is amended so as to include among the excluded classes women and girls of immoral character or who are brought to this country for immoral purposes. Section 3 of the same act is amended so as to provide for the prosecution and punishment of any person importing any alien for immoral purposes and for the deportation of such alien. [Approved March 26, 1910.]

EMPLOYERS' LIABILITY.

The act entitled "An act relating to the liability of common carriers by railroad to their employes in certain cases," approved April 22, 1908, is amended in section 6 so that the section reads:

"That no action shall be maintained under this act unless commenced within two years from the day the cause of action accrued. Under this act an action may be brought in a Circuit court of the United States, in the district of the residence of the defendant, or in which the cause of action arose, or in which the defendant shall be doing business at the time of commencing such action. The jurisdiction of the courts of the United States under this act shall be concurrent with that of the courts of the several states, and no case arising under this act and brought in any state court of competent jurisdiction shall be removed to any court of the United States."

The act is further amended by adding the following section:

"That any right of action given by this act to a person suffering injury shall survive to his or her personal representative, for the benefit of the surviving widow or husband and children of such employe, and, if none, then of such employe's parents, and, if none, then of the next of kin dependent upon such employe, but in such cases there shall be only one recovery for the same injury." [Approved April 5, 1910.]

COMMISSION CREATED.

Resolved, That a commission be created consisting of two members of the senate, to be appointed by the president of the senate, and two members of the house, to be appointed by the speaker thereof, together with two persons to be selected by the president of the United States, for the purpose of making a thorough investigation of the subject of employer's liability and workman's compensation, said commission to report through the president to congress not later than the first Monday in December, 1911. [Joint resolution, approved June 25, 1910.]

RAILROADS TO REPORT ACCIDENTS.

It shall be the duty of the general manager, superintendent or other proper officer of every common carrier engaged in interstate commerce to make to the interstate-commerce commission, at its office in Washington, a monthly report, under oath, of all collisions, derailments or other accidents resulting in injury to persons, equipment or roadbed, arising from the operation of such railroad. Any common carrier failing to make such report within thirty days after the end of any month shall be deemed guilty of a misdemeanor and upon conviction shall be punished by a fine of not more than $100 for each offense and for every day during which it fails to make such report after the time specified. The interstate-commerce commission shall have power to investigate railroad accidents, and when it deems it of public interest make reports giving the causes and making such recommendations as it may deem fit. Such reports shall be made public. [Approved May 6, 1910.]

COMMISSION OF FINE ARTS.

There is created a permanent commission of fine arts to be composed of seven well-qualified judges of the fine arts, who shall be appointed by the president and shall serve four years each. The duty of the commission shall be to advise upon the location of statues, fountains and monuments in the District of Columbia and upon the selection of models for statues, fountains and monuments erected under the authority of the United States and upon the selection of artists for the execution of the same. The commission shall also advise generally upon questions of art when required to do so by the president of the United States or by any committee of either house of congress. The commission shall have a secretary and such other assistance as the commission may authorize. To meet the expenses made necessary by the act an expenditure of not exceeding $10,000 a year is authorized. [Approved May 17, 1910.]

GLACIER NATIONAL PARK.

The tract of land in northern Montana lying between the international boundary on the north, the Flathead river on the west, the middle fork of the Flathead river and the Great Northern right of way on the south and the Blackfeet Indian reservation on the east is withdrawn from settlement or disposal under the laws of the United States and is set apart as a public park or pleasure ground for the benefit and enjoyment of the people of the United States under the name of "The Glacier National Park." The park shall be under the exclusive control of the secretary of the interior. [Approved May 11, 1910.]

[The new national park covers the main range of the Rocky mountains between the Great Northern railroad and Canada and includes some of the finest mountain scenery in the United States. The Sperry glacier and Lakes McDonald and St. Mary are among the interesting features.]

UNIVERSAL PEACE COMMISSION.

Resolved, That a commission of five members be appointed by the president of the United States to consider the expediency of utilizing existing international agencies for the purpose of limiting the armaments of the nations of the world by international agreement and of constituting the com-

bined navies of the world an international force for the preservation of universal peace and to consider and report upon any other means to diminish the expenditures of government for military purposes and to lessen the probabilities of war: Provided, That the total expense authorized by this joint resolution shall not exceed the sum of $10,000 and that the said commission shall be required to make final report within two years from the date of the passage of this resolution. [Joint resolution approved June 25, 1910.]

BUREAU OF LIGHTHOUSES.

There shall hereafter be in the department of commerce and labor a bureau of lighthouses and a commissioner of lighthouses, to be appointed by the president at a salary of $5,000 per annum. There shall also be a deputy commissioner at a salary of $4,000 per annum, a chief clerk, a chief constructing engineer, a superintendent of naval construction and such other employes as may from time to time be authorized by congress. All the employes of the old lighthouse board, except army and navy officers, are transferred to the new bureau. The commissioner of lighthouses, with the approval of the secretary of commerce and labor, as soon as practicable, shall rearrange the ocean, gulf and lake coasts of the United States, Porto Rico and the naval station in Cuba into not exceeding nineteen lighthouse districts with an inspector for each. [Approved June 17, 1910.]

BUREAU OF MINES.

There is established in the department of the interior a bureau to be called the bureau of mines and a director of the bureau, who shall be thoroughly equipped for the duties of the office by technical education and experience. He is to be appointed by the president and is to have an annual salary of $6,000. It is the province and duty of the bureau to investigate mining methods, especially in relation to the safety of miners, and the best means of preventing accidents. The secretary of the interior is authorized to transfer to the new bureau from the United States geological survey the supervision of the investigations of structural materials, the analyzing and testing of coals, lignites and other mineral fuel substances, and the investigation as to the causes of mine explosions. [Approved May 16, 1910.]

RAISING THE MAINE.

The secretary of war and the chief of engineers are authorized to provide with all convenient speed for the raising or the removal of the wreck of the United States battle ship Maine from the harbor of Havana, Cuba, and for the proper interment of the bodies therein in Arlington cemetery, and the secretary of war is directed to remove the mast of the Maine and place the same on a proper foundation in Arlington National cemetery at or near the spot where the bodies of those who died through the wreck are interred: Provided, however, That the consent in proper form of the republic of Cuba shall be first obtained. The sum of $100,000 is appropriated for the work. [Approved May 9, 1910.]

INCREASE OF THE NAVY.

For the purpose of further increasing the naval establishment, the president is authorized (in naval appropriation bill) to have constructed two first-class battle ships to cost, exclusive of armor and equipment, not exceeding $6,000,000 each; two fleet colliers of fourteen knots trial speed when carrying not less than 12,500 tons of cargo and bunker coal, to cost not exceeding $1,000,000 each; four submarine torpedo boats to cost in the aggregate not exceeding $2,000,000, and six torpedo-boat destroyers having the highest practicable speed and to cost in all not to exceed $750,000 each. [Approved June 24, 1910.]

SAFETY APPLIANCE ACT.

This supplements the "safety appliance" acts of March 2, 1893, April 1, 1896, and March 2, 1903, by requiring all cars to be provided with sill steps and efficient hand brakes. All cars requiring secure ladders and secure running boards must be equipped with such ladders and running boards and all cars having ladders must also be equipped with secure hand holds or grab irons on their roofs at the top of such ladders. [Approved April 14, 1910.]

WIRELESS APPARATUS ON STEAMSHIPS.

From and after July 1, 1911, every ocean-going steamer, foreign as well as American, carrying fifty or more persons, including passengers and crew, must be equipped with an efficient apparatus for radio-communication (wireless telegraphy), in charge of a person skilled in the use of such apparatus, before it is permitted to leave any port of the United States. [Approved June 24, 1910.]

APPROPRIATIONS BY 61ST CONGRESS—SECOND SESSION.

TITLE OF ACT.	Reported to house.	Passed house.	Reported to senate.	Passed senate.	Law 1910-11.	Law 1909-10.
Agriculture	$13,417,136.00	$13,330,276.00	$13,512,636.00	$13,522,636.00	$13,487,636.00	$12,995,036.00
Army	95,322,707.55	95,297,707.55	95,440,567.55	95,440,567.55	95,440,567.55	101,195,883.34
Diplomatic and consular	3,986,981.41	3,731,981.41	4,119,481.41	4,166,081.41	4,116,081.41	3,613,861.67
District of Columbia	10,285,907.99	10,258,067.99	10,946,960.99	11,012,960.99	10,608,045.99	10,699,531.49
Fortification	5,617,200.00	5,617,200.00	5,817,200.00	5,817,200.00	5,617,200.00	8,170,111.00
Indian	8,513,757.90	8,798,478.00	9,920,934.68	9,931,934.68	9 266,528.00	11,854,982.48
Legislative, etc	33,897,815.00	33,853,295.00	34,044,357.00	34,207,017.00	34,158,767.00	32,007,049.00
Military academy	1,855,249.87	1,855,249.87	1,856,649.87	1,856,649.87	1,856,249.87	2,531,521.33
Navy	129,037,602.93	127,829,602.93	130,737,964.38	131,679,854.38	131,350,854.38	136,935,196.05
Pension	155,674,000.00	155,674,000.00	155,758,000.00	155,758,000.00	155,758,000.00	160,908,000.00
Postoffice	239,812,195.00	243,907,020.00	243,907,020.00	243,907,020.00	243,907,020.00	234,692,370.00
River and harbor	35,173,846.50	35,351,746.50	41,732,313.50	41,819,113.50	41,329,113.50	9,475,750.00
Sundry civil	111,804,838.82	112,302,541.82	117,408,970.02	117,618,320.02	114,080,101.82	137,696,623.36
Total	844,399,238.97	847,807,167.07	865,203,025.40	866,737,355.40	860,976,165.52	862,735,918.72
Urgent deficiency, 1910	5,013,836.03	5,116,325.73	5,713,124.79	5,768,409.65	5,767,699.22	20,310,339.92
Deficiency, 1910	5,737,412.09	6,264,601.47	7,946,946.58	8,338,490.14	6,954,986 58	
Total	855,150,487.09	859,188,094.27	878,863,096.77	880,844,255.19	873,698,851.32	883,046,258.64
Miscellaneous					2 500,000.00	1,259,515.96
Advances to reclamation fund					20,000,000.00	
Total, regular					896,198,851.32	884,305,774.60
Permanent annual					130,934,595.12	160,096,082.52
Grand total					1,027,133,446.44	1,044,401,857.1

Miscellaneous appropriations (thirteenth census, etc., for 1910), first session, 61st congress, $11,261,410.76.

TOTALS FOR LAST SIX CONGRESSES.

Congress.	Years.	Amount.	Congress.	Years.	Amount.	Congress.	Years.	Amount.
55th	1899-1900	$1,566,890,016.28	57th	1903-1904	$1,553,683,002.57	59th	1907-1908	$1,799,537,864.70
56th	1901-1902	1,440,489,438.87	58th	1905-1906	1,600,053,544.80	60th	1908-1909	2,052,411,841.79

ILLINOIS LEGISLATION IN 1910.

[Summary of important laws passed by the 46th general assembly at the special session beginning Dec. 14, 1909, and ending March 2, 1910.]

EMPLOYERS' LIABILITY COMMISSION.

A commission of twelve members is created, to be known as the employers' liability commission, to be appointed by the governor and to consist of six employers of labor and six persons who are either employes or are known to represent the interests of workmen. The duty of the commission shall be to investigate the problems of industrial accidents, and especially the law of liability for injuries or death suffered in the course of industrial employment in this state and other states and countries, and to inquire into the most equitable method of providing for compensation for such accidents. It shall report its conclusions to the governor and submit drafts of such bill or bills as may be deemed appropriate. The members are to be paid at the rate of $5 a day each while actually engaged in the work of the commission. [Approved March 10, 1910.]

MINE-RESCUE STATIONS.

For the purpose of fighting mine fires and saving lives and property jeopardized by fires, explosions or other accidents in the coal mines in Illinois, there shall be constructed and maintained at public expense three rescue stations to serve the northern, central and southern coal fields of the state. The governor shall appoint a commission of seven members, including two coal-mine operators, two coal miners, one state mine inspector, one representative of the University of Illinois mining department and one representative of the federal organization for the investigation of mine accidents. The members, except state and federal officers, are to be paid $10 per day for services rendered, not to exceed twenty-five days in any one year, and all the members are to be paid their actual expenses. The commission shall secure by purchase or otherwise sites for the rescue stations, temporary and permanent quarters and suitable equipment for the work, the cost of the service to July 1, 1911, not to exceed $75,000. The state architect shall furnish plans for the buildings required by the commission. The commission shall appoint a manager for the three stations and the manager shall appoint for each station a superintendent and an assistant, each appointee serving for two years. The manager shall receive $250 a month, the superintendents $125 a month each and the assistants $75 a month each, all having their traveling expenses paid. Whenever the manager or the superintendent at any station shall be notified that an explosion or accident requiring his services has occurred at any mine in the state, he shall proceed immediately with suitable equipment and superintend the work of the rescue corps in saving life and property; he shall have authority over the mining property to such an extent as is necessary for the protection of human life during such time as the rescuers are under ground. [Approved March 4, 1910.]

COMMISSION FORM OF GOVERNMENT.

The act entitled "An act to provide for the incorporation of cities and villages" is amended by adding an article to be known as article XIII. It provides that all cities and villages of Illinois not exceeding 200,000 in population may adopt the municipal form of government by proceeding as required by the amended law. Whenever the electors of any city or village equal in number to one-tenth of the votes cast for all the candidates for mayor or president of the board of trustees at the last preceding city or village election shall petition the judge of the County court of the county in which the city or village, or the greater part of it, is located to submit to a vote the proposition for the commission form of government, it shall be the duty of the judge to submit such proposition to a special election to be held within sixty days, or to a general election if it occurs within that time. If a majority of the votes cast upon such proposition shall be in favor of its adoption, the provisions of the act shall thereby be adopted by such city or village and shall be in full force and effect.

ELECTION OF OFFICERS.

On the third Tuesday in April, 1911, and quadrennially thereafter, there shall be held a general municipal election at which there shall be elected a mayor and four commissioners without regard to wards. All divisions into wards of such municipalities as adopt the act shall be discontinued and the officers shall be nominated and elected at large. The mayor and commissioners elected under the provisions of this act shall be known as the council and shall hold their respective offices for the term of four years. Vacancies are to be filled by appointment by the remaining members of the council. All candidates to be voted for at elections at which a mayor and four commissioners are to be elected shall be nominated by a primary election from the city or village at large. Candidates for these offices are required to file prior to such primary election statements that they are duly qualified to hold such offices and petitions from at least twenty-five qualified voters requesting such candidacy. The ballots at the primary shall have no party, platform or principle designated, nor shall any circle be printed at the head. The two candidates receiving the highest number of votes for mayor shall be the candidates whose names shall be placed upon the ballot at the election and the eight candidates receiving the highest number of votes for commissioners, or all such candidates if less than eight, shall be placed upon the ballot for commissioners at such municipal election. Names of candidates may be written in the blanks provided for the purpose on the municipal election ballots. The ballots to be used at the election are to be similar to those at the primary and are to be without party designations and without a circle at the head. The names are to be arranged alphabetically with squares opposite each, the words "Vote for one" appearing above the list of candidates for mayor and "Vote for four" above the list of candidates for commissioners.

POWERS OF THE COUNCIL.

Every city or village adopting the commission form of government shall be governed by a council, consisting of the mayor and four commissioners, each of whom shall have the right to vote on all questions coming before the council. Three members shall constitute a quorum. The mayor shall preside at all meetings. He shall have no power to veto any measure, motion, resolution or ordinance, but all such measures must be signed by him or by two commissioners and be recorded. The council shall have and exercise all the executive and legislative powers and duties now had and exercised by the mayor, city council, president and board of trustees of villages, board of library trustees, city clerk, city attorney, city engineer, city treasurer, city comptroller and all other executive, legislative and administrative officers in cities and villages incorporated under the general incorporation law of Illinois, except that the board of local improvements shall remain a separate and distinct body. Certain park and driveway officers and school officials are also excepted. The executive and administrative powers, authority and duties shall be distributed among five departments, as follows:

1. Department of public affairs.
2. Department of accounts and finances.
3. Department of public health and safety.
4. Department of streets and public improvements.
5. Department of public property.

The mayor shall be commissioner of public affairs and superintendent of that department, and the council shall designate by a majority vote one commissioner to be commissioner of accounts and finances, who shall be superintendent of that department; one to be commissioner of public health and safety, who shall be superintendent of that department; one to be commissioner of streets and public improvements, who shall be superintendent

of that department, and who, ex officio, shall be commissioner of public works; and one to be commissioner of public property, and as such to be superintendent of that department. The council may, in its discretion, elect a city clerk, corporation counsel, city attorney, treasurer, comptroller, city physician, chief of police, fire chief, harbor master, market master, three library trustees and the necessary officers to fill the offices created by the local improvement act; provided, that the commissioner of streets shall be ex officio the commissioner of public works and a member of the board of local improvements. Any officer or employe elected or appointed by the council may be removed by a majority vote of the council. The council shall have the power, by ordinance, to create, fill and discontinue offices and employment other than those herein prescribed according to the needs of the city or village.

CIVIL SERVICE.

In all cities and villages which have adopted or may hereafter adopt the civil-service act, the council shall not have the power to appoint or discharge any employe except in accordance with that act. The council shall have the right to appoint the heads of all principal departments, subordinate to the departments provided for by the act.

SALARIES.

The mayor and each of the commissioners shall have an office in the municipal building or rooms, and shall devote such time to the duties of their respective offices as a faithful discharge thereof may require. In cities of 20,000 population they shall give at least six hours daily to their official duties. Their annual salaries shall be fixed by the council according to the population of the city or village, the salary of the mayor ranging from $50 to $6,000 a year and the salary of each commissioner from $40 to $5,000 a year.

MEETINGS AND ORDINANCES.

Regular meetings of the council shall be held once a week. The mayor shall preside and shall supervise all departments. The commissioner of accounts and finance shall be vice-president of the council, and in case of vacancy in the office of mayor or in his absence shall act as mayor. Every ordinance appropriating any money or ordering any street improvement or sewer or making any contract or granting any franchise shall remain on file for public inspection, in its complete form, at least one week before its final passage.

Every grant of any franchise to use the streets, alleys or public places for railways, gas, waterworks, electric light or other public utilities within the city or village must be approved by a majority of the electors voting thereon at a general or special election.

RECALL OF ELECTIVE OFFICERS.

Every incumbent of an elective office is subject to recall and removal at any time by the electors. The procedure to effect a removal is substantially as follows: A petition signed by electors equal in number to 75 per cent of the total vote for mayor at the last preceding general municipal election shall be filed with the city or village clerk, which petition shall contain a general statement in not more than 200 words of the ground on which the removal or recall is sought. All objections to such petition shall be filed and determined within ten days after the filing of the same. The petition being sufficient, the clerk shall immediately submit the same to the council and the council shall fix the date for holding an election to fill the vacancy caused by the recall or removal. If the officer sought to be recalled shall resign within five days after the petition is filed, the council shall appoint his successor and no election shall be held. No recall petition shall be filed against any officer until he has been in office at least a year.

INITIATIVE.

Any proposed ordinance may be submitted to the council by petition signed by electors equal in number to 25 per cent of all the votes cast for the candidates for mayor at the last preceding general municipal election. The council shall either pass such ordinance within thirty days or, if so requested in the petition, submit the proposition to a general or special election. If a majority of the electors vote in favor of the ordinance it shall become a valid and binding ordinance, which cannot be repealed except by a vote of the people.

REFERENDUM.

No ordinance passed by the council, except when otherwise required by the general laws of the state or by the provisions of this act, except an ordinance for the immediate preservation of the public peace, health or safety, which contains a statement of its urgency, shall go into effect until thirty days from its final passage, and if within that time a petition signed by electors equal in number to at least 10 per cent of the entire vote cast for all the candidates for mayor at the last preceding general election, protesting against the passage of such ordinance, be presented to the council, the ordinance shall be suspended from going into operation, and it shall be the duty of the council to reconsider such ordinance, and if the same is not entirely repealed the council shall submit the ordinance to the voters for approval or rejection by a majority vote. [Approved March 9, 1910.]

PRIMARY-ELECTION LAW.

[House bill No. 40. Approved March 9, 1910.]

Section 1 provides that the nomination of all candidates for all elective state, congressional, county, city and village (including officers of the Municipal court of Chicago), town and judicial officers, members of the state board of equalization, clerks of the Appellate courts, trustees of sanitary districts and for the election of precinct and state central committeemen, by all political parties, shall be made in the manner provided in this act. The act does not apply to the nomination of candidates for electors of president and vice-president of the United States, trustees of the University of Illinois or to township and school elections.

Sec. 2. Political parties which at the general election next preceding a primary polled more than 2 per cent of the entire vote cast within the state, congressional district, county, city, village, town or other political subdivision are declared to be political parties within such divisions and shall nominate all candidates provided for in the act under the provisions thereof.

Sec. 3. In determining the total vote of a party the test shall be the total vote cast by such party for its candidate who received the greatest number of votes.

Sec. 4. This specifies how certain words and phrases used in the act shall be construed.

Sec. 5. The primary shall be held at the regular polling places established for general elections.

DATES OF PRIMARIES.

Sec. 6. A primary shall be held on the second Tuesday in April in every year in which officers are to be voted for on the first Tuesday after the first Monday in November of such year, for the nomination of candidates for such offices as are to be voted for at such November election, and shall be known as the April primary.

A primary shall be held on the second Tuesday in April in any year in which the judges of the Supreme court, judges of the Circuit court and judges of the Superior court of Cook county are to be elected on the first Monday of June of such year for the nomination of candidates for such offices, respectively.

A primary shall be held on the last Tuesday in February in each year for the nomination of such officers as are to be voted for on the first Tuesday of April of such year.

A primary shall be held on the second Tuesday in March in each year for the nomination of such officers as are to be voted for on the third Tuesday in April of such year.

A primary for the nomination of all other officers, nominations for which are required to be made under the provisions of the act, shall be held three weeks preceding the date of the general election for such offices, respectively.

The polls shall be open from 6 o'clock a. m. to 5 o'clock p. m.

Sec. 7. Any person entitled to vote at such primary shall be entitled to absent himself from

his work for two hours between the opening and closing of the polls without incurring loss of wages or salary, providing application shall have been made on the preceding day. The employer may specify the hours.

COMMITTEES.

Sec. 8. The following committees shall constitute the central or managing committees of each political party. A state central committee, a congressional committee for each congressional district, a county central committee for each county, a city central committee for each city or village and a precinct committee for each precinct. A political party may, however, elect or appoint other committees in accordance with its practice.

Sec. 9. (1) The state central committee shall be composed of one member from each congressional district and shall be elected as follows: At the April primary each primary elector may vote for one candidate of his party for member of the state central committee for the congressional district in which he resides. The state central committee of each political party shall be composed of members elected from the several congressional districts of the state and of no others.

(2) At the April primary each primary elector may write or attach in the space left on the primary ballot for that purpose the name of one qualified primary elector of his party in the precinct for member of his political party precinct committee. The one having the highest number of votes shall be such committeeman.

(3) The county central committee of each political party shall consist of the various precinct committees of such party in the county.

(4) The congressional committees of each political party shall be composed of the chairman of the county central committee of each of the counties composing the congressional district, except that in congressional districts wholly within the territorial limits of one county or partly within two counties, the members of the precinct committees residing within the congressional district shall compose the congressional committee.

(5) The city central committee of each political party shall be composed of the precinct committeemen of such party residing in such city.

(6) Each committee shall have the powers usually exercised by such committees not inconsistent with the provisions of this act.

(7) The old political committees are recognized and authorized to continue their duties until the new committees are chosen.

CONVENTIONS.

Sec. 10. (a) On the first Monday after the April primary the county central committee of each political party shall meet at the county seat and organize, such meeting to be called the county convention. The county convention of each political party shall choose delegates to the congressional and state conventions of its party. Only precinct committeemen residing within a congressional district shall take part in the selection of delegates to a congressional convention. Each delegate to the county convention shall have one vote and one additional vote for each fifty or major fraction thereof of his party as cast in his precinct at the last general election.

(b) All congressional conventions shall be held on the first Wednesday after the first Monday next succeeding the April primary. The congressional convention of each political party shall have power to select delegates to national nominating conventions and to recommend to the state convention of its party the nomination of candidate or candidates from such congressional district for elector or electors of president and vice-president of the United States.

(c) All state conventions shall be held on the first Friday after the first Monday next succeeding the April primary. The state convention of each political party shall have power to make nominations of candidates for the electors of president and vice-president of the United States, and for trustees of the University of Illinois, to adopt any party platform and to select delegates and alternates to the national nominating conventions.

(d) Each convention may perform all other functions inherent to such political organization and not inconsistent with this act.

(e) At least thirty-three days before the April primary the state and congressional committees, respectively, of each political party shall file a call for the state and congressional conventions, giving the time and place and the number of delegates to which each county or political subdivision is entitled.

Sec. 11. In cities having minority representation in the city council, the city central committee shall, at least thirty days prior to the primary, fix the number of candidates for alderman in each of the wards of their city to be nominated by their party at the primary for the nomination of candidates for city offices. In all primaries for the nomination of candidates for aldermen under minority representation, each qualified minority elector may cast as many votes for one candidate as there are candidates to be nominated, or may distribute the same among the candidates as he shall see fit, and the candidate highest in votes shall be declared nominated.

Sec. 12. At least twenty days before each primary the county clerk or the city, village or town or other clerk whose duty it is to give notice of general elections, shall prepare and post notices as to the time and place of holding such primary, the hours during which the polls are open, the offices for which candidates are to be nominated and the political parties entitled to participate therein.

PRIMARY JUDGES AND CLERKS.

Sec. 13. The judges of general elections are constituted the judges of primary elections.

Sec. 14. It is made the duty of judges of general elections to act as judges of primary elections until their successors are appointed.

Sec. 15. If one of the primary judges be absent or refuses to act, the judges present shall appoint some qualified elector to act in his place; if two judges are absent the vacancies shall be filled in the same manner; if all three judges are absent, the primary electors present shall select three of their number to act as judges.

Sec. 16. The primary judges in each precinct, except in cities having a board of election commissioners, shall select three electors to serve as primary clerks, but not more than two persons of the same political party shall serve as clerks in the same precinct. In cities having election commissioners, the regularly appointed clerks of election shall act as primary clerks.

Sec. 17. This prescribes the form of oath to be taken by primary judges and clerks.

Sec. 18. In the absence of a notary public or justice of the peace the judges may administer the oath to each other and the clerks.

Sec. 19. Primary judges and clerks, except as otherwise provided, shall have the same powers and perform the same duties as judges and clerks of general elections.

Sec. 20. Primary judges and clerks shall receive the same pay as judges and clerks under the election laws of the state.

CHALLENGERS.

Sec. 21. The precinct committeeman of each party may appoint in writing two party agents or representatives with alternates to act as challengers for their respective parties. Such challengers shall be protected in the discharge of their duties by the judges and shall be permitted to remain within the polling place in such a position as will enable them to see each person as he offers to vote.

POLLING BOOTHS.

Sec. 22. The officers whose duty it is to provide polling places for general elections shall provide in each such place properly equipped booths for the primary elections, enabling voters to prepare their ballots screened from observation. Ballot boxes are to be in plain view. The voting booths shall be not less than one for every seventy-five voters or fraction thereof. No person shall do any electioneering on primary day within any polling place or within 100 feet of any such polling place.

Sec. 23. Primary ballot boxes shall be furnished in the same manner and of the same style as those used at general elections.

Sec. 24. All the necessary primary poll books

and other supplies shall be furnished by the same authorities who furnish such supplies at general elections.

Sec. 25. The expense of conducting primaries shall be paid by the same authorities as in the case of elections.

Sec. 26. This prescribes the form of the primary poll books.

Sec. 27. Prescribes the form of the tally sheets.

PETITIONS.

Sec. 28. The name of no candidate for nomination for state central committeeman shall be placed on the primary ballot unless a petition for nomination shall have been filed on his behalf. The form of the petition is prescribed in detail. Petitions for nomination shall be signed:

(a) If for a state office, by not less than 1,000 nor more than 2,000 primary electors of his party.

(b) If for a congressional office, by at least one-half of 1 per cent of the qualified primary electors of his party in his congressional district.

(c) If for a judicial office, by at least one-half of 1 per cent of the qualified electors in the district.

(d) If for a county office, by at least one-half of 1 per cent of the qualified primary electors of his party cast at the last preceding general election in his county; if for the nomination for county commissioner of Cook county, then by at least one-half of 1 per cent of the qualified primary electors of his party in his county in the division in which such person is a candidate for nomination.

(e) If for a city or village office, to be filled by the electors of the entire village, by at least one-half of 1 per cent of the qualified primary electors of his party in his city or village; if for alderman, by at least one-half of 1 per cent of the voters of his party in his ward.

(f) If for state central committeeman, by at least 100 of the primary electors of his party of his congressional district.

(g) If for a candidate for trustee of a sanitary district, by at least one-half of 1 per cent of the primary electors of his party from such sanitary district.

(h) If for a candidate for clerk of the Appellate court, by at least one-half of 1 per cent of the primary electors of his party of the district.

(i) If for any other office, by at least ten primary electors of his party of the district or division for which nomination is made.

Sec. 29. Any candidate for United States senator may have his name printed upon the primary ballot of his party by filing with the secretary of state not less than thirty days prior to the April primary a petition signed by not less than 3,000 primary electors, nor more than 5,000 members of the party of which he is a candidate. The vote upon candidates for United States senator, however, shall be for the sole purpose of ascertaining the sentiment of the voters of the respective parties in the state as a whole and not by senatorial districts.

Sec. 30. This prescribes the manner of filing all petitions for nominations. Where the nomination is for a state, congressional, judicial or Appellate court office or for any office in a district involving more than one county, the petition is to be filed with the secretary of state; in other cases it is to be filed with the county, city or village clerk, as the case may be.

Sec. 31. Not less than twenty days prior to the primary the secretary of state shall certify to the county clerk of each county the names of all candidates whose petitions have been filed with him and who are to be voted for in such county.

PRIMARY BALLOTS.

Sec. 32. The county clerk and the city, village and town clerk, as the case may be, shall prepare and have printed the primary ballot of each political party for each precinct in his respective county, city, village or town.

Sec. 33. It is made the duty of the county clerk of each county to have printed upon the primary ballot of each party for each precinct in his county the name of each candidate whose petition has been filed in his office or whose name has been certified to him by the secretary of state. It shall be the duty of the city, village or town clerk, as the case may be, to have printed upon the primary ballot the name of each candidate whose petition has been filed in his office.

Sec. 34. The primary ballot of each political party shall be printed upon paper of uniform quality and size, but the primary ballot of no two parties shall be of the same color.

Sec. 35. This prescribes the arrangement of names on the primary ballots, the manner in which they are to be printed and other details. The name of each office to be filled shall be printed in capital letters and in the order of its importance, beginning with that of United States senator. The names of candidates are to be arranged in the order in which their petitions were filed.

Sec. 36. This prescribes the designating words to be printed on the back of each primary ballot.

Sec. 37. Specimen ballots of each political party are to be delivered to primary judges not less than five days before the opening of the primary, which ballots shall be posted at the polling place. They are to be different in texture and color from the official ballots.

Sec. 38. The official primary ballots are to be delivered to the primary judges not less than twelve hours before the opening of the polls, 100 ballots being supplied for each 50 votes at the preceding election.

Sec. 39. The official ballots shall be put in separate sealed packages with marks on the outside showing for what precinct they are intended and the number of ballots inclosed. A receipt for the same shall be given by the primary judge to whom they are delivered.

Sec. 40. The officer charged with printing the primary ballots shall keep on hand an extra supply of ballots for each party and upon a written request by the judges shall furnish as many extra ballots as may be required.

METHOD OF VOTING.

Sec. 41. The opening of the polls shall be proclaimed by one of the primary judges. Half an hour before the closing of the polls proclamation shall be made in like manner that the polls will be closed in half an hour.

Sec. 42. Before the voting begins the ballot box shall be opened and shown to those present to be empty, after which it shall be locked and the key delivered to one of the primary judges.

Sec. 43. Every person having resided in the state one year, in the county ninety days and in the precinct thirty days next preceding the primary, who was an elector in this state on the first day of April, 1848, or obtained a certificate of naturalization in this state prior to Jan. 1, 1870, or who shall be a male citizen of the United States above the age of 21, shall be entitled to vote at such primary. The following regulations shall be applicable to such primaries:

No person shall be entitled to vote at a primary—

(a) Unless he declares his party affiliations as required by this act;

(b) Who shall have signed the petition for nomination of a candidate of any party with which he does not affiliate, when such candidate is to be voted for at such primary; or

(d) If he shall have voted at a primary of another political party within a period of two years next preceding such primary. Participation in a primary of a political party which is such within a city only and is entitled to make nominations for city offices only shall not disqualify such elector from participating in other primaries of his party. In cities having a board of election commissioners only voters registered as herein provided shall be entitled to vote at such primary. The registration books prepared for and used at the election then next preceding shall be used for the primary, and any person therein registered shall be entitled to vote at the primary unless he shall have removed from the precinct or become otherwise disqualified. Any person whose name is not on the registry books who is or shall at or before the primary become a primary elector in the precinct in which he desires to vote, shall be entitled to vote by filing with the election commissioners, twenty days before the primary, an affidavit or affirmation specifying the facts. His name shall then be

placed in the original registration books. Any primary elector may, on the eleventh and twelfth days immediately preceding the primary, file an application to have the name of any person entered on the registration books by affidavit erased therefrom on the ground that he is not a legal primary elector of the precinct. Rules for passing upon such applications by the election commissioners and by the County court upon the applications of persons whose names have been stricken from the registry lists are given. The section concludes:

"It is the intent and meaning of this section that all primary electors in any and all precincts, not already registered, in which they are or will be legally qualified to vote on the day of the primary, may be given an opportunity to have their names placed upon the registry books of the precinct in which they are, or will be, qualified to vote on the day of the primary, and this section shall be liberally construed to effectuate such intent."

[The primary law of 1908 was declared invalid by the state Supreme court in part because of its registration requirements, which, it was asserted, deprived constitutionally qualified voters of their right to vote at primaries.]

Sec. 44. Any person desiring to vote at a primary shall state his name, residence and party affiliations to the primary judges, one of whom shall announce the same in a distinct tone of voice. If the person is not challenged he shall be given a ballot of his party. If a person is challenged he shall not be given a ballot until he shall have established his right to vote.

Sec. 45. Whenever a person offering to vote at a primary is challenged he shall make an affidavit showing that he is qualified to vote. He must also present the affidavit of one householder in the precinct declaring that the person so challenged is duly qualified. The forms of these affidavits are given.

Sec. 46. Prescribes the manner in which a primary elector is to mark his ballot. This is done in the usual way by making a cross in the square in front of the name of each candidate of the voter's choice for each office to be filled.

Sec. 47. Before leaving the booth, the primary elector shall fold his ballot so as to conceal the marks thereon and hand it to the primary judge, who shall deposit it in the ballot box. The primary clerk shall then enter in the primary poll book the name of the primary elector, his residence and party affiliation.

Sec. 48. Any elector unable to read English or who is physically unable to mark his ballot shall, upon request, be assisted in the same manner as is provided for by the general election laws.

Sec. 49. After the opening of the polls no adjournment shall be taken until the canvass of all the votes is completed and the returns are sealed.

CANVASS OF VOTES.

Sec 50. The returns shall be canvassed in the room where the primary is held and the primary judges shall not allow the ballot box, ballots, poll book or tally sheets to be removed until the canvass is completed.

Sec. 51. Relates to defective, unused and spoiled ballots and their disposition.

Sec. 52. This relates to the method of canvassing the primary votes.

Sec. 53. As soon as the ballots have been canvassed, the primary clerks shall foot up the tally sheets so as to show the total number of votes cast for each candidate and certify the same to be correct. Thereupon the primary judges shall enter the result in the poll books in a form which is specified.

Sec. 54. After the votes of a political party have been counted, the tally sheets footed and the entry made in the poll book the ballots shall be strung upon a strong thread, separately for each political party in the order read, and shall then be sealed in an envelope, properly indorsed.

Sec. 55. The poll books, tally sheets and ballots, enveloped, sealed and indorsed, shall be put into the hands of the primary judges, who shall, within forty-eight hours thereafter, deliver them to the clerk from whom the primary ballots were obtained and who shall keep the same for three months.

CERTIFICATES OF NOMINATION.

Sec. 56. As soon as the complete returns are delivered to the proper clerk they shall be canvassed by the proper authorities. Each of the canvassing boards shall make proclamation of the results of the primary for each political party and issue the necessary certificates, which shall be filed with the secretary of state or the proper clerk, as the case may be, who shall, within one day thereafter, issue a certificate of nomination to each of the candidates so proclaimed nominated except United States senator.

Sec. 58. The person receiving the highest number of votes at a primary as the candidate of a party for the nomination for an office shall be the candidate of that party for such office and his name shall be placed on the official ballot at the next election. Where there are two or more persons to be nominated for the same office or board the requisite number of persons receiving the highest number of votes shall be nominated and placed on the official ballot. In the case of nominations for members of the board of assessors, where five are to be elected, four of whom are to be elected from any one city and the city has the requisite number, then the candidate for nomination living outside such city having the largest number of votes of his party shall be nominated. The person receiving the highest number of votes of his party for state central committeeman of his congressional district shall be declared elected. In the case of a tie the canvassing board shall determine by lot who shall be nominated or elected.

Sec. 59. When the nomination is made for an office to be filled by the electors of an entire county and where it is the duty of the county clerk to prepare the official ballot for election, it shall be the duty of the county clerk to place upon the official ballot the names of all candidates nominated for office, as shown by the certificate of the canvassing board, and the names of all candidates certified to him by the secretary of state. When the nomination is made for an office to be filled by the electors of an entire city or village, including alderman, it shall be the duty of the city or village clerk to place upon the official ballot the names of all candidates nominated for office as shown by the certificate of the canvassing board. When the nomination is made for an office to be filled by the electors of an entire town it shall be the duty of the town clerk to place upon the official ballot the names of all candidates nominated for office as shown by the certificate of the canvassing board. Not less than fifteen days before an election to fill any office the secretary of state shall certify to the county clerk of each county within which any of the electors may, by law, vote for such candidates for such offices, the name and description of each person nominated for such office, as shown by the certificate of the canvassing board on file in his office.

SPECIAL ELECTION PRIMARIES.

Sec. 60. Whenever a special election shall be necessary the provisions of this act shall be applicable to the nomination of candidates to be voted for at such special election. The officer or board or commission whose duty it is, under the general election laws of the state, to call an election, shall fix a date for the primary for the nomination of candidates to be voted for at such special election. Fifteen days' notice must be given of such primary. In case a candidate nominated under the provisions of this act shall die before election or decline the nomination, or should the nomination become vacant for any other reason, the managing committees of the respective political parties for the territorial area in which such vacancy occurs shall fill the vacancy.

Sec. 61. In cities having a board of election commissioners the duties herein imposed upon the county, city or village clerk, as the case may be, shall be discharged by such board of election commissioners.

CONTESTS.

Sec. 62. Any candidate whose name appears upon the primary ballot of any political party may

contest the election of the candidates nominated by his party, on the face of the returns, if he so desires, by filing a petition setting forth the grounds of the contest with the clerk of the County court or the clerk of the Circuit court, according to the office involved, which petition shall be verified by affidavit and filed within five days after the completion of the canvass. Notice must be given to the proper canvassing board of the pendency of the contest. Authority and jurisdiction are vested in the County court and the Circuit court and the judges thereof to hear and finally determine such contests.

Sec. 63. Nothing in the act shall be construed to prevent the nomination of independent candidates by petition, as is now or may hereafter be provided by law.

Sec. 64. No spirituous, malt, vinous or intoxicating liquor shall be sold or given away, nor shall any saloon or barroom be open on primary day.

Secs. 65 to 78 inclusive provide for the punishment of persons guilty of acts that are in violation of the primary law. In general the penalties are the same as those provided in the general election law.

Sec. 79. This repeals all acts or parts of acts in conflict with the present primary law.

Sec. 80. The invalidity of any portion of this act shall not affect the validity of any other portion thereof which can be given effect without such invalid part.

PRIMARY ELECTIONS—SENATORIAL DISTRICTS.

Senate bill No. 53. Approved March 9, 1910.

Section 1. The nomination of all candidates for members of the general assembly by all political parties and the election of senatorial committeemen shall be made in the manner provided in this act and not otherwise.

Sec. 2. The term "political party" as used in this act shall mean a political party which at the next preceding election for governor polled at least 2 per cent of the entire vote cast in the state.

Sec. 3. The words "senatorial office" or "senatorial officer" shall be construed as state senator and representatives in the general assembly.

Sec. 4. A primary shall be held, on the second Tuesday in April of every year in which officers are to be voted for on the first Tuesday after the first Monday in November, for the nomination of candidates for members of the general assembly and shall be known as the April primary.

SENATORIAL COMMITTEES.

Sec. 5. There shall be constituted a senatorial committee for each senatorial district, but this shall not prevent a political party from choosing any other committees in accordance with its practice. The senatorial committee of each political party shall be elected as follows:

(a) In senatorial districts comprising three or more counties the committee shall be composed of one member from each county, and at the primary each elector may vote for one candidate of his party residing in his county for member of the committee.

(b) In districts comprising two counties the committee shall be composed of three members, two of whom shall be elected from the county in which such political party at the general election for state and county officers polled the larger number of votes. Each primary elector residing in such county casting the highest vote may vote for two candidates of his party, residing in his county, for members of the committee; in the other county each elector may vote for one member.

(c) In districts composed of one county or a portion of one county or portions of two counties the committee shall be composed of three members, and each primary elector may vote for three candidates of his party. Within thirty days after its election the senatorial committee shall meet and organize.

PETITIONS.

Sec. 6. The various political party committees now in existence are recognized and shall perform the duties herein prescribed until committeemen are chosen in accordance with the provisions of this act. The name of no candidate for nomination for senatorial committeeman shall be printed upon the primary ballot unless a petition for nomination shall have been filed on his behalf, signed as follows:

(a) If for a senatorial office, by at least one half of 1 per cent of the qualified primary electors in his district.

(b) If for a senatorial committeeman, by at least ten of the primary electors of his party of the county where the district is coextensive with one county or is composed of more than one county, but in case the district is wholly within one county or partly within two counties then such petition shall be signed by ten of the primary electors of his party of his senatorial district.

Sec. 7. All petitions for nomination shall be filed as follows:

(1) Where the petition is for a senatorial office, such petition shall be filed with the secretary of state not more than sixty nor less than thirty days prior to the primary.

(2) Petitions of candidates for senatorial committeemen shall be filed with the county clerk within the same limits of time as above.

(3) The secretary of state and the various clerks with whom such petitions are filed shall indorse thereon the day and hour on which each petition was filed.

(4) Petitions for nomination or for committeeman may be withdrawn from the files by written request filed with the secretary of state not less than twenty-five or with the proper clerk not less than twelve days prior to the primary.

CERTIFICATION OF CANDIDATES.

Sec. 8. Not less than twenty days prior to the primary the secretary of state shall certify to the county clerk of each county the names of all candidates for senatorial offices as specified in the petitions on file with him, which are to be voted for in such county, stating in such certificate the political affiliation of each candidate. The names of the candidates shall be certified in the order in which they shall appear on the primary ballot in accordance with the order in which the petitions shall have been filed.

Sec. 9. The county clerk of each county or the board of election commissioners, as the case may be, shall prepare and have printed the primary ballot of each political party for each precinct in his county, and the names of all candidates certified to the county clerk by the secretary of state and of all candidates for senatorial committeeman whose petitions have been filed in said office shall be placed on the same ballot as the candidates for other offices for nominations to be voted on at the same primary election, properly arranged, however, under the name of each office. Below the name of the office of representative in the general assembly shall be printed in small letters the directions to the voters, "Vote for one, two or three."

Sec. 10. The secretary of state shall, in his certificate to the county clerk, certify the position which the names of candidates for senatorial offices shall occupy upon the primary ballot with reference to the position of candidates for other offices. The names of the candidates for senatorial committeemen shall be placed on the primary ballot immediately after the names of the candidates for senatorial offices, in the order in which their petitions were filed with the county clerk.

CUMULATIVE VOTING.

Sec. 11. At least thirty-three days prior to the April primary the senatorial committee of each political party shall meet and fix the number of candidates to be nominated by their party at the primary for representative in the general assembly. A copy of such resolution shall within five days thereafter be filed with the secretary of state and with the county clerk of each county in the senatorial district. In all primaries for the nomination of candidates for representatives in the general assembly each elector may cast three votes for one candidate or may distribute the same or equal parts thereof among two candidates

or three candidates, as he shall see fit. And the said candidate or candidates for nomination highest in votes shall be declared nominated for the office to be filled.

CANVASS OF VOTES.

Sec. 12. The votes for the nomination of candidates for representative in the general assembly shall be canvassed in the following manner:

(1) When a cross is placed in each of the squares preceding the names of three candidates and the ballot for representative is not otherwise marked it shall be counted as one vote for each candidate.

(2) When a cross is placed in each of the squares preceding the names of two candidates it shall be counted as one and one-half votes for each of such candidates.

(3) When a cross is placed in the square before the name of one candidate it shall be counted as three votes for such candidate.

(4) When the ballot has been marked so as to indicate an intention to cast more than three vote for the nomination of candidates for representatives such ballot shall not be counted. The requisite number of persons receiving the highest number of votes as candidates of their party in any county or senatorial district, as the case may be, shall be declared elected senatorial committeemen.

Sec. 13. Except as herein otherwise expressly provided, each and all of the provisions of any act relating to the holding of primary elections by political parties, passed by this extraordinary session of the general assembly, and acts hereafter passed amendatory thereof, shall, so far as the same may be applicable, apply to and govern primary elections held under the provisions of this act. The returns of such primary shall be made to the county clerk or the board of election commissioners, as the case may be, and shall be canvassed and certified as other returns made to the county clerk or board of election commissioners, as the case may be. The county canvassing board or the board of election commissioners, as the case may be, shall issue a certificate of election to the requisite number of persons of each political party shown by the returns to be elected members of the senatorial committee. Tabulated returns of the primary for the nomination of candidates for senatorial offices shall be made to the secretary of state, canvassed by the state primary canvassing board, proclamation of the result thereof made and certificates of nomination issued, as in case of other tabulated statements of returns made to the secretary of state, and the pains and penalties prescribed in the acts last referred to shall apply to all elections held under this act.

Sec. 14. Nothing in this act contained shall be construed to prevent the nomination of independent candidates by petition, as is now or may hereafter be provided by law.

FIRE FIGHTING EQUIPMENT IN COAL MINES.

The act specifies the fire fighting equipment and other means for the prevention and controlling of fires in coal mines. Among the things which must be provided by the owners or operators are water supplies, water pipes and hose, automatic sprinklers, chemical fire extinguishers, telephones and electric gong signals. [Approved March 8, 1910.]

FIELD MUSEUM SITE.

There is given and conveyed to the Field Museum of Natural History that portion of the submerged lands under Lake Michigan, in the city of Chicago, described as follows: Beginning at the center of Congress street extended 100 feet from the east line of Grant park, extending thence south 1,000 feet; thence east 950 feet; thence north 2,000 feet; thence west 950 feet; thence south 1,000 feet to the place of beginning. The same is conveyed to the Field Museum of Natural History, with authority to create an island in Lake Michigan on the submerged land described, to be used by it as a permanent site for its museum. It is provided that the museum shall be open free to the public on at least three days in the week. If the building is not erected before Jan. 1, 1925, then the title shall revert to the state of Illinois. The museum is prohibited from selling or subletting any of the land. [Approved March 8, 1910.]

INCOME TAX.

(Senate joint resolution No. 7.)

Whereas, the congress of the United States has proposed to the several states the following amendment to the federal constitution, viz.:

"Article XVI. The congress shall have power to lay and collect taxes on incomes, from whatever sources derived, without apportionment among the several states and without regard to any census or enumeration."

Therefore, be it resolved by the senate, the house of representatives concurring therein, That the state of Illinois, by its legislature, ratifies and assents to this amendment.

Adopted by the senate Feb. 9, 1910.

Concurred in by the house March 1, 1910.

RUSSO-JAPANESE AGREEMENT.

Signed in St. Petersburg, July 4, 1910.

The imperial government of Japan and the imperial government of Russia, sincerely attached to the principles established by the convention concluded between them on the 17th of July, 1907, and desirous to develop the effects of that convention with a view to the consolidation of peace in the extreme east, have agreed to complete the said arrangement by the following provisions:

Article 1. With the object of facilitating communication and developing the commerce of nations, the two high contracting parties mutually engage to lend each other their friendly co-operation with a view to the amelioration of their respective railway lines in Manchuria and the improvement of the connecting service of the said railways and to abstain from all competition prejudicial to the realization of this object.

Art. 2. Each of the high contracting parties engages to maintain and respect the status quo in Manchuria resulting from the treaties, conventions and other arrangements concluded up to this day between Japan and Russia or between either of these two powers and China. Copies of the aforesaid arrangements have been exchanged between Japan and Russia.

Art. 3. In case that any event arises of a nature to menace the status quo heretofore mentioned the two high contracting parties shall in each case enter into communication with each other in order to arrive at an understanding as to the measures they may judge it necessary to take for the maintenance of the said status quo.

PRINCIPAL EUROPEAN LANGUAGES SPOKEN.

Language.	1801. Persons.	1890. Persons.	Ratio. 1801.	Ratio. 1890.
English	20,520,000	111,100,000	12.7	27.7
French	31,450,000	51,200,000	19.4	12.7
German	30,320,000	75,200,000	18.7	18.7
Russian	30,770,000	75,000,000	19.0	18.7
Spanish	26,190,000	42,800,000	16.2	10.7
Italian	15,070,000	33,400,000	9.3	8.3
Portuguese ..	7,480,000	13,000,000	4.7	3.2
Total.....	161,800,000	401,700,000	100.0	100.0

The above is the latest estimate made by Mulhall. Assuming that the annual increase in the number of persons speaking each language has been maintained since 1890 the ratio in 1908 was: English, 30.7; French, 11.4; German, 18.7; Russian, 18.6; Spanish, 9.6; Italian, 8.1; Portuguese, 2.9.

FIRE IN BRUSSELS EXPOSITION.

Through a fire which started in the Belgian section of the Brussels international exposition Sunday evening, Aug. 14, 1910, damage estimated at between $6,000,000 and $10,000,000 was caused. The principal losses were sustained in the British and Belgian sections, but the goods in other sections were also damaged by smoke and water. The grounds were crowded with people at the time, and a panic ensued, in which two lives were lost and many persons injured. A large number of valuable works of art were destroyed and the archives of the exposition were burned. The fire originated from crossed electric wires leading into the post-office in the Belgian building.

THE HIGH COST OF LIVING.

The steady advance in the cost of many of the necessaries of life led to much discussion in 1910 as to the cause or causes. Dissatisfaction on the part of the consuming public was expressed in a meat boycott and in various other ways. Responding to the general demand for congressional action of some kind, the United States senate in February appointed a select committee with instructions to make an exhaustive investigation into the cost of living and any increase in the same since 1900. This committee was composed of the following senators: Henry Cabot Lodge, Massachusetts, chairman; Jacob H. Gallinger, New Hampshire; Porter J. McCumber, North Dakota; Reed Smoot, Utah; Coe I. Crawford, South Dakota; James P. Clarke, Arkansas; Joseph H. Johnston, Alabama; Ellison D. Smith, South Carolina. The last three are democrats and the others republicans. The committee heard a large number of witnesses engaged in the wholesale and retail grocery trade, the wholesale and retail meat trade, the raising of cattle and sheep and the production of grain, cotton and wool. It also heard representatives of many other industries and examined numerous consular and other reports.

The committee, which was officially known as the "select committee on wages and prices of commodities," presented majority and minority reports to the senate June 23. The members divided on political lines, the majority report being signed by the republican senators and the minority by the democratic senators. Following is a brief synopsis of the majority report:

WHOLESALE PRICES.

The advance in prices has been world-wide, although farm and food products have advanced much more rapidly than manufactured articles. Prices appear to have advanced more rapidly in the United States and Canada than in the united kingdom, France, Germany, Austria, Italy and Bulgaria. While the prices of manufactured articles have in many instances remained unchanged, the quality or grade has deteriorated. The price of furniture, for instance, has remained about the same, but the quality of cheap and medium-priced furniture has declined. The report quotes from the bulletin of the United States bureau of labor on wholesale prices, a summary of which is given in this issue of The Daily News Almanac and Year-Book, and then proceeds:

"Among the many causes contributing to the advance in prices may be enumerated:

"Increased cost of production of farm products by reason of higher land values and higher wages.

"Increased demand for farm products and food.

"Shifting of population from food-producing to food-consuming occupations and localities.

"Immigration to food-consuming localities.

"Reduced fertility of land resulting in lower average production or increased expenditures for fertilization.

"Increased banking facilities in agricultural localities, which enable farmers to hold their crops and market to the best advantage. This results in steadying prices, but also tends to advance prices.

"Reduced supply convenient to transportation of such commodities as timber.

"Cold-storage plants which result in preventing extreme fluctuations of prices of certain commodities with the seasons, but by enabling the wholesalers to buy and sell at the best possible advantage tend to advance prices.

"Increased cost of distribution.

"Industrial combinations.

"Organizations of producers or of dealers.

"Advertising.

"Increased money supply.

"Overcapitalization.

"Higher standard of living."

The general wholesale price level in the United States represented by 257 commodities advanced 14.5 per cent during the period from 1900 to 1909.

Commodities.	Per cent.
Farm products advanced	39.8
Food, etc., advanced	19.7
Lumber and building materials advanced	19.6
Miscellaneous commodities advanced	14.7
Cloths and clothing advanced	12.0
Fuel and lighting advanced	6.9
House-furnishing goods advanced	5.3
Metals and implements advanced	3.6
Drugs and chemicals declined	2.9

Another grouping of commodities shows the following percentages above 1900:

Products of the forest	40.3
Products of the farm, crude	36.1
Products of farm, manufactured	24.2
Products of mines and wells	13.5
Products of manufacture	5.7
Products of fisheries	5.1

The testimony of all witnesses familiar with farm conditions is to the effect that the cost of production of farm products has risen very rapidly in the last ten years; wages of farm hands have increased on an average about 60 per cent, and the original investment necessary to secure land has practically doubled in that period. In many localities the crop average can be maintained only by the use of expensive fertilizers, by rotation of crops or by allowing the ground to lie fallow. The supply of available government land for general farming has been materially reduced. The cost of producing live stock has increased with the disappearance of the range.

"The assumption seems fair that for the products of the forest and of the farm the available supply is not keeping pace with the demand, while for manufactured articles the supply has practically kept pace with the demand. So far as the products of the forests are concerned, the supply in the United States is diminishing and the cost of production and marketing has increased. The farm products are being produced on much more expensive land and farm wages have increased more rapidly than have those of any other group of workers."

RETAIL PRICES.

"Retail prices in the United States in the spring of 1910 were for many articles at the highest point reached in many years. As compared with the spring of 1900 prices for bacon were more than 70 per cent higher, ham was 33 per cent higher, flour was about 50 per cent higher, butter about 45 per cent higher and eggs 100 per cent higher.

"Furniture was about the same as in 1900. Earthenware was slightly lower. Shoes and clothing were considerably higher.

"The United States bureau of labor compilation of retail prices of food includes thirty of the most important articles for the years 1890 to 1907. This compilation has not been extended beyond 1907, but for that year the thirty articles, when given a weight according to consumption in a wage-earner's family, showed an advance in 1907 of 19.3 per cent over 1900."

Retail prices for a few important articles of food in typical stores in large eastern cities for April, 1903, and April, 1910, and the increase in prices during the period between those dates are shown in the table at top of next page.

WAGES AND HOURS OF LABOR.

"Wages have not advanced as rapidly as have prices and practically all the labor difficulties which have been the subject of mediation in the United States during the last two or three years have had as their basis the advanced cost of living. In the United States wages have advanced much more rapidly than they have in European countries. Wages in the United States advanced in about the same degree as did prices until 1907. Owing to the industrial depression of 1908, following the financial panic of 1907, wages dropped considerably, and in 1909 hardly more than regained the high point reached in 1907. Wages at the present time are not on as high a level as are food prices. Salaries have advanced but very little during the last ten years.

"Hours of labor in practically all wage occupations have been reduced. The United States bureau of labor compilation of wages and hours of labor has not been continued later than 1907. In 1907 wages per hour were 22.1 per cent above 1900.

ARTICLE.	UNIT.	RETAIL PRICE.		INCREASE.	
		1910.	1903.	Amount.	Per cent.
Flour and meal—					
Golden Gate, Minnesota patent	⅛-barrel bag.	$0.86	$0.57	$0.29	50.9
Rye	5-lb. bag	.15	.12	.03	25.0
Meats—					
Sirloin roast beef	Pound	.22	.19	.03	15.8
Sirloin roast steak	Pound	.30	.21	.09	42.9
Rib steak	Pound	.127	.12	.007	5.8
Bacon, 5-lb. strips	Pound	.22	.15	.07	46.7
Bacon, breakfast	Pound	.22	.16	.06	37.5
Butter—					
Golden Gate creamery	Pound	.35	.27	.08	29.6
Finest western	Pound	.33	.25	.08	32.0
Sugar—					
Brown, light	5-lb. bag	.26	.25	.01	4.0
Granulated	5-lb. bag	.28	.25	.03	12.0
Cornmeal—					
Yellow or white	7-lb. package.	.25	.16	.09	56.3
Eggs—					
Fresh	Dozen	.42	.18	.24	133.3
Ordinary	Dozen	.30	.16	.14	87.1
Lard	3-lb. pail	.69	.33	.36	109.5

Hours of labor during the same period were reduced 3.7 per cent. The decline in hours of course affected the weekly earnings of employes for the reason that the large majority of wage earners are employed either on the piece basis or at an hourly rate. From 1900 to 1907 full time weekly earnings advanced 17.6 per cent, while wholesale prices of commodities advanced 17.2 per cent, or in almost exactly the same proportion."

The following table, based upon figures supplied to the senate committee by E. M. Craig, secretary of the Building Contractors' council of Chicago, shows for the building trades the rate of wages per hour in Chicago, New York and San Francisco in 1902 and 1910 and the per cent of increase in rates of wages per hour during the period from 1902 to 1910:

	—Chicago—			—New York—			—San Francisco—		
	1902. Cts.	1910. Cts.	Inc. Per ct.	1902. Cts.	1910. Cts.	Inc. Per ct.	1902. Cts.	1910. Cts.	Inc. Per ct.
Bricklayers	60	67½	12.5	65	70	7.7	75	87½	16.7
Stone masons	60	67½	12.5	56¼	57½	2.2	75	87½	16.7
Structural iron setters	50	65	30.0	56¼	62½	11.1	37½	62½	66.7
Ornamental iron setters	50	60	20.0	56¼	62½	11.1	43¾	....	....
Plasterers	56¼	68¾	22.2	62½	68¾	10.0	67½	87½	29.2
Tile setters	56¼	68¾	22.2	62½	62½	.0	62½	75	20.0
Plumbers	56¼	68¾	22.2	56¼	62½	11.1	56¼	75	33.3
Steamfitters	56¼	68¾	22.2	50	62½	25.0	56¼	75	33.3
Gasfitters	50	68¾	37.5	53⅛	62½	17.6	56¼	75	33.3
Carpenters	50	60	20.0	56¼	62½	17.6	50	62½	25.0
Painters	40	60	50.0	50	50	.0	43¾	56¼	28.6
Stonecutters	45	62½	38.9	62½	62½	.0	56¼	75	33.3
Electricians	50	68¾	37.5	50	56¼	12.5	43¾	75	71.4
Sheet metal workers	42½	60	41.2	50	56¼	12.5	50	68¾	37.5
Marble setters	50	62½	25.0	56¼	62½	11.1	62½	75	20.0

THE TARIFF.

"The tariff seems to have been no material factor in causing the advance in prices during the last decade. The greatest advances have been made in commodities upon which the tariff has little or no effect, and the absolute removal of the tariff on many of these commodities could not have afforded relief at the present time, for the reason that prices of these commodities, with a few exceptions, were as high or higher in other countries than in the United States.

"The advance in prices during the last ten years appears to have no relation to tariff legislation. Beginning with January, 1900, wholesale prices in general declined slightly, and the decline continued through July, 1901. Beginning with August, 1901, prices advanced very slowly through March, 1903, and then remained steady through May, 1905. Beginning with June, 1905, there was a marked increase through October, 1907. Beginning with November, 1907, prices began to decline and the decline continued through August, 1908. Beginning with September, 1908, prices steadily advanced until the highest point during the ten years was reached in March, 1910.

"The groups of articles which have shown the greatest advance—the products of the forests and the products of the farm—are those for which there has been practically no change in the tariff for the last ten years. Neither have there been any changes during the last twenty years which could in any way account for the increase in price. The tariff acts of 1894, 1897 and 1909 have made no changes which to any appreciable degree measure the changes in price which have taken place.

"The tariff act of 1909 made no marked changes in 'farm products and foodstuffs,' the articles grouped by the tariff acts under schedule G, 'agricultural products and provisions,' and schedule E, 'sugar, molasses and manufactures of.'

"Where alterations were made in rates they were chiefly in the direction of reductions. Yet such changes as have been made in the tariff in these schedules have apparently had no effect on prices, as almost without a single exception the prices have advanced materially since the passage of the act without any distinction as to whether the tariff was increased or decreased.

"The fact that exports of products of the farm and of the forests continue in such large quantities indicates that the price movement is due not to the tariff but to a world-wide movement upward in the prices of such commodities.

"Lumber has steadily advanced since 1900, and the price in 1909 was 41.8 per cent above the price of 1900, yet with this advance other countries have been demanding our lumber in increasing quantities.

"Material decreases were made by the tariff of 1909 on articles grouped under schedule D, 'wood and manufactures of,' but they seem to have had no appreciable effect upon lumber prices, as they have continued upward, even though lumber is imported in large quantities."

COMBINATIONS AND ASSOCIATIONS.

"Under this subject are grouped industrial combinations, popularly referred to as trusts, trade

agreements, producers' associations, wholesale dealers' associations and retail dealers' associations. The prices of many of the trust-produced commodities have not advanced as rapidly as have other commodities. In some cases where trust-produced commodities have advanced greatly the advance appears to be due largely to other causes, such as short supplies.

"While industrial combinations may result in economies of production and distribution the fact that competition is either wholly or partly removed leads to abuses. In some cases where no actual combination of producing establishments under one head has been made, trade agreements do exist which operate to fix prices in restraint of trade fully as much as an actual trust. The effect of all such organizations as the Elgin board of trade is to advance prices."

The western meat packers were not examined by the committees for the reason that they were under investigation at the time by grand juries.

THE GOLD SUPPLY.

"The proposition that the increase in the gold supply has affected prices rests of course on the sound economic theory that a marked increase in the monetary standard of value cheapens the standard, and by cheapening it increases the amount which must be paid for a commodity. It is because the general trend of world prices has seemingly responded to the contraction or expansion of the world's supply of currency that the conclusion is reached that the present abnormal production of gold is a positive factor in forcing up the level of the world's prices and in preventing their decline. It is not contended that this increase is the dominant or even a principal cause of the rise of prices, but it undoubtedly has exerted a positive effect by cheapening the standard of price and at the same time enormously increasing the amount of credit based upon gold."

THE LABOR UNIONS.

"Labor unions have not been apparently a serious factor in contributing toward advancing prices. Of course, the general tendency of labor unions is to increase wages and reduce hours, and in this way they may have indirectly affected prices by securing for the wage earners higher pay and shorter hours and thus raising the standard of living and placing them in a position to secure better homes and better home surroundings, articles of necessity of a higher grade and in greater quantities, and more articles usually classed as luxuries." They may also have attracted an increasingly large number of persons from agriculture into industrial employment, thus increasing the cost of food production on the farm.

COST OF DISTRIBUTION.

"The expenses of distributing food products by wholesalers and retailers have increased by reason of the increase in rents, taxes, wages and cost of horses and horse feed." Putting up articles in fancy packages, the use of trading stamps and the giving of prizes have also contributed to advance prices.

COLD STORAGE.

"Cold storage plants have tended to level prices, although they have enabled the dealers to take the best possible advantage of conditions both in purchasing when prices are low and selling when prices are high. Eggs have shown a greater advance since 1900 than has any other article of food. This probably is due largely to supply and demand, but also in part to the fact that the cold storage has artificially forced up the price. The committee has recommended to congress a bill limiting the time food products may be kept in cold storage."

SANITARY REGULATIONS.

"Many regulations looking toward improving the quality of food and protecting the health of consumers have been passed by United States, state and local authorities during the last ten years. These regulations have been beneficial, but the effect of all of them is to advance prices to a greater or less degree." Examples of such laws are the pure-food and meat and dairy inspection laws.

OVERCAPITALIZATION.

"Overcapitalization of transportation and industrial companies has the effect of advancing prices. Increase of capital usually results in a greater amount of dividends. Increased dividends must mean increased earnings and the increased earnings come from the consumer."

IMMIGRATION.

"The number of immigrants arriving in the United States from 1900 to the present time was 8,202,288. More than 80 per cent of the total were at the most productive period of life, but only a very small percentage of this enormous number of people have entered agricultural pursuits. Practically all have entered industrial pursuits and by reason of becoming consumers instead of producers of food have contributed in no small way toward advancing the prices of food products."

HIGHER STANDARD OF LIVING.

"The standard of living has steadily advanced and consumers are demanding a much higher grade of article than ten years ago. This advance in the standard of living has been a material factor in increasing prices. In clothing and shoes the effort to keep up with the changing styles adds materially to expenditures."

FREIGHT RATES ON COMMODITIES OF LIFE.

Tables furnished by the interstate commerce commission are given to show that there has been a substantial increase in the freight rates from St. Louis, Chicago, St. Paul and Duluth to New York and from New York to western points.

MINORITY REPORT.

The minority report, signed by Senators Johnston, Clarke and Smith, after reviewing and criticising the findings of the majority members of the committee, concludes as follows:

"We find the three substantial causes for the advance in prices are:

"(1) The tariff.

"(2) Trusts, combines and monopolies.

"(3) Increased money supply.

"We are without sufficient data to apportion the degree of responsibility among these three causes, but that the first two are the chief malefactors we have no doubt, and they are of our own creation."

Some of the points made by the minority members are these:

The high price of land is not a cause, but the effect of the high price of farm products.

There has been an increased demand for farm products, but the supply has also increased.

The migration of men to food-consuming localities should be attributed to the rapidly increasing demand for men in the city shops and to better social, school and church privileges in the cities.

As to the increased cost of distribution, "our investigations do not show that there has been any notable increase in railroad freights since 1900."

"We do not dissent from the conclusions of the majority on this subject (overcapitalization) if the public are permitted to be taxed to pay dividends on watered stocks."

"Perhaps less than 3 per cent of our people indulge in the use of luxuries to any appreciable extent. This small number could raise the general level of prices but little more than a man could raise himself by his boot straps. The great advances have been mainly in bacon, beef, mutton and cotton goods, and they have increased vastly more than in tea, silk goods, champagne, silverware, diamonds and jewelry."

"It is difficult to understand how any one can favor high rates of duty if he does not honestly believe that it will increase the prices to be realized by the manufacturers producing the article affected, by diminishing or destroying competition and thus necessarily increasing the cost to the consumer."

"The cost of production is necessarily enhanced by the fact that the producer must, under this tariff scheme, pay higher prices for his clothing, household goods, implements, machinery and other highly protected articles of necessity."

"If the purpose of the Payne-Aldrich bill was

not to increase the profit to the manufacturer and cost to the consumer, we are unable to comprehend why the tariff on certain sawed lumber should have been increased 50 per cent, on shingles 66 per cent, corrugated iron and steel 115 per cent, iron and steel wire (of a certain size) coated with zinc or tin 553 per cent, razors 67 per cent, buckwheat flour 25 per cent, biscuits 125 per cent, stockings from 20 to 30 per cent and on certain cheap cotton cloth 460 per cent."

MEAT BOYCOTT OF 1910.

In Cleveland, O., Jan. 16, 1910, some 460 superintendents and foremen employed by manufacturing concerns signed a pledge to abstain from meat for thirty days, or for sixty days if prices should not fall within a month. Many others joined in the movement and in a short time 25,000 persons had signed the pledge. As this meant that at least 100,000 residents of Cleveland had ceased eating meat the effect on the butchering industry was immediate. Several of the companies concerned discharged many of their employes, as they had no work for them. The price of meat went down a little, but as the cost of other commodities decreased to some extent at the same time the fall may not have been due entirely to the boycott. This spread to other cities, including Pittsburg, Baltimore, New Orleans, New York, Chicago, Milwaukee and Boston. The Anti-Food Trust league, formed in Washington some time before the boycott began, received a large number of applications for membership and by the end of January had more than 200,000 on its list. The movement came to its climax soon after and then collapsed, without having had any permanent effect on meat prices.

WHOLESALE PRICES, 1909-10.

[From bulletin No. 87 of the bureau of labor, Washington, D. C.]

Wholesale prices in 1909, as measured by the prices of 257 commodities included in the investigation, advanced 3 per cent over the wholesale prices in 1908, but with this advance they were still 2.3 per cent below the high average of 1907 prices. Wholesale prices in 1909 were 14.5 per cent higher than in 1900; 41 per cent higher than in 1897, the year of lowest prices in the twenty-year period from 1890 to 1909; 12 per cent higher than in 1890 and 26.5 per cent higher than the average price for the ten years, 1890 to 1899.

The highest point reached in 1907 was in the month of October, from which month there was a general decline until August, 1908. Beginning with September, 1908, there has been an increase without a break in any month up to March, 1910. Wholesale prices in March, 1910, were higher than at any time in the preceding twenty years, being 7.5 per cent higher than in March, 1909; 10.2 per cent higher than in August, 1908; 21.1 per cent higher than the average yearly price of 1900; 49.5 per cent higher than the average yearly price of 1897, and 33.8 per cent higher than the average price for the ten years, 1890 to 1899.

Comparing 1909 with 1908, the group of commodities showing the greatest increase in price was: Farm products, 15 per cent. The other groups showing an increase were: Food, etc., 3.4 per cent; cloths and clothing 2.3 per cent; lumber and building materials, 4 per cent; drugs and chemicals, 1.8 per cent; miscellaneous, 5 per cent. Groups showing a decrease were: Fuel and lighting, 1.1 per cent; metals and implements, 5 per cent; house-furnishing goods, 2 per cent.

The following table shows the average wholesale prices of certain commodities in the calendar year 1909 and the month of March, 1910. The quotations are from New York, Chicago and a few other primary markets:

FARM PRODUCTS.

Commodity.	1909.	March, 1910.
Barley, choice to fancy, bu	$0.67	$0.69
Cattle, steers, choice, 100 lbs	7.33	8.19
Cattle, steers, good, 100 lbs	6.45	7.42
Corn, cash, bu	.67	.62
Cotton, upland, middling, lb	.12	.15
Flaxseed, No. 1, bu	1.56	2.14
Hay, timothy, No. 1, ton	13.45	17.05
Hides, green, salted, lb	.16	.14
Hogs, heavy, 100 lbs	7.57	10.61
Hogs, light, 100 lbs	7.36	10.40
Hops, New York state, choice, lb	.20	.33
Horses, draft, good, per head	203.17	230.50
Mules, 16 hands, per head	209.76	212.50
Oats cash, bu	.48	.45
Poultry, live, fowls, lb	.16	.18
Rye, No. 2 cash, bu	.78	.79
Sheep, wethers, good, 100 lbs	5.43	8.37
Sheep, wethers, plain, 100 lbs	5.26	8.27
Tobacco, burley, good leaf, 100 lbs	17.60	15.50
Wheat, cash	1.20	1.19

FOOD, ETC.

Beans, medium, choice, bu	2.45	2.34
Bread, crackers, oyster, lb	.06	.07
Bread, crackers, soda, lb	.06	.07
Bread, loaf (New York market), lb	.04	.04
Butter, creamery, Elgin, lb	.29	.31
Canned corn, No. 2, dozen cans	.91	1.00
Canned peas, No. 2, dozen cans	1.40	1.40
Canned tomatoes, No. 3, dozen cans	.96	.90
Cheese, New York state, cream, lb	.15	.17
Coffee, Rio, No. 7, lb	.08	.08
Eggs, fresh, fancy, dozen	.31	.26
Fish, cod, dry, quintal	7.02	7.00
Fish, herring, split, brl	7.07	7.50
Fish, mackerel, salt, brl	10.19	12.50
Fish, salmon, canned, 12 cans	1.70	1.67
Flour, buckwheat, 100 lbs	2.36	2.00
Flour, rye, brl	4.49	4.42
Flour, wheat, spring, brl	5.76	5.59
Flour, wheat, winter, brl	5.45	5.35
Fruit, apples, evaporated, lb	.08	.08
Fruit, currants, in brls., lb	.06	.06
Fruit, prunes, in boxes, lb	.05	.05
Fruit, raisins, California, box	1.27	1.20
Glucose, 100 lbs	2.47	2.17
Lard, prime, lb	.12	.14
Meal, corn, fine white, 100 lbs	1.62	1.72
Meal, corn, fine yellow, 100 lbs	1.61	1.72
Meat, bacon, short clear sides, lb	.12	.15
Meat, bacon, short rib sides, lb	.11	.14
Meat, beef, fresh, lb	.11	.11
Meat, beef, salt, extra mess, brl	11.02	14.72
Meat, beef, salt, hams, brl	25.11	25.00
Meat, hams, smoked, lb	.13	.17
Meat, mutton, dressed, lb	.09	.13
Meat, pork, salt, mess, brl	21.34	27.02
Milk, fresh, quart	.03	.04
Molasses, New Orleans, gal	.35	.37
Poultry, dressed, fowl, lb	.16	.19
Rice, domestic, lb	.06	.05
Salt, American, brl	.82	.87
Soda, bicarbonate of, lb	.01	.01
Spices, pepper, lb	.07	.08
Starch, pure corn, lb	.06	.06
Sugar, granulated, lb	.05	.05
Tallow, lb	.06	.07
Tea, Formosa, fine, lb	.23	.24
Vegetables, cabbage, ton	26.17	24.32
Vegetables, onions, brl	3.09	.....
Vegetables, potatoes, bu	.69	.32
Vinegar, cider, gal	.18	.16

CLOTHS AND CLOTHING.

Bags, 2-bushel, Amoskeag, each	.19	.20
Blankets, all wool, 5 lbs. to pair, lb	1.09	1.00
Blankets, cotton, 2 lbs. to pair, lb	.50	.55
Boots and shoes, men's brogans, pair	1.20	1.17
Boots and shoes, men's calf shoes, pr	2.95	3.05
Boots & shoes, women's solid grain, pr	1.04	1.05
Broadcloths, first quality, yard	2.02	2.06
Calico, American, prints, yard	.05	.06
Cotton flannels, 3½ yds. to lb., yard	.06	.07
Cotton thread, 6-cord, 200-yd. spls., spool	.04	.04
Carpets, Brussels, yard	1.19	1.20
Carpets, ingrain, yard	.53	.53
Carpets, Wilton, yard	2.22	2.23
Cotton yarns, cones, 22-1, lb	.23	.25
Denims, Amoskeag, yard	.13	.15
Drillings, brown, yard	.07	.08
Flannels, white, yard	.46	.47
Ginghams, Amoskeag, yard	.06	.07
Horse blankets, wool, lb	.75	.77
Hosiery, men's cotton ½ hose, 12 prs	.81	.82
Hosiery, women's cotton hose, 12 pairs	1.77	1.77
Leather, harness, oak, lb	.38	.39
Leather, sole, hemlock, lb	.25	.25

Commodity.	1909.	1910.
Overcoatings, covert cloth, yard	2.02	2.02
Overcoatings, kersey, yard	1.79	1.92
Print cloths, yard	.03	.04
Sheetings, bleached, Atlantic, yard	.21	.22
Sheetings, bleached, Pepperell, yard	.25	.28
Sheetings, brown, Indian Head, yard	.07	.08
Shirtings, bleached, fruit of loom, yd	.09	.10
Shirtings, bleached, Wamsutta, yard	.11	.12
Silk, raw, Italian, lb	4.38	3.86
Silk, raw, Japan, lb	3.84	3.32
Suitings, clay worsted, 12-oz., yard	1.24	1.50
Suitings, indigo blue, wool, yard	1.57	1.66
Suitings, serge, yard	1.07	1.17
Tickings, Amoskeag, yard	.12	.14
Trouserings, worsted, yard	2.48	2.59
Underwear, shirts, drawers, wool, doz.	27.00	27.00
Women's dress goods, poplar cloth, yd.	.19	.20
Wool, Ohio, fine fleece, scoured, lb	.74	.70
Worsted yarns, lb	1.31	1.27

FUEL AND LIGHTING.

Candles, 14 oz., lb	.07	.07
Coal, anthracite, broken, ton	4.20	4.20
Coal, anthracite, chestnut, ton	4.82	4.95
Coal, anthracite, egg, ton	4.79	4.95
Coal, anthracite, stove, ton	4.82	4.95
Coal, bituminous, ton	3.05	3.00
Coke, Connellsville, ton	2.02	2.55
Matches, parlor, 144 boxes	.90	1.50
Petroleum, crude, brl	1.66	1.40
Petroleum, refined, gal	.08	.08

METALS AND IMPLEMENTS.

Augers, extra, 1 inch, each	.37	.33
Axes, M. C. O., Yankee, each	.67	.62
Bar iron, common, lb	.01	.02
Barb wire, galvanized, 100 lbs	2.36	2.33
Chisels, 1 inch, each	.33	.25
Copper, ingot, lb	.13	.13
Copper, sheet, hot rolled, lb	.18	.19
Copper, wire, bare, lb	.15	.15
Doorknobs, steel, pair	.40	.40
Files, 8 inch, dozen	.93	.93
Hammers, Maydole, No. 1½, each	.47	.47
Lead, pig, lb	.04	.05
Lead, pipe, 100 lbs	4.82	5.46
Locks, common mortise, each	.16	.15
Nails, 8 penny, fence, 100 lbs	1.87	1.95
Pig iron, Bessemer, ton	17.41	18.60
Pig iron, foundry, No. 1, ton	17.81	18.50
Planes, Bailey, No. 5, each	1.53	1.53
Saws, crosscut, Disston No. 2, each	1.60	1.60
Shovels, Ames, No. 2, dozen	7.62	7.84
Silver, bar, fine, oz	.52	.52
Spelter, western, lb	.05	.06
Steel billets, ton	24.62	27.50
Steel rails, ton	28.00	28.00
Tin, pig, lb	.30	.33
Tinplates, domestic, 100 lbs	3.74	3.84
Trowels, M. C. O., brick, each	.34	.34
Vises, solid box, 50 lb., each	4.60	4.60
Wood screws, 1 inch, gross	.12	.15
Zinc, sheet, 100 lbs	6.64	7.13

LUMBER AND BUILDING MATERIALS.

Brick, common, M	6.39	6.00
Carbonate of lead, lb	.06	.07
Cement, Portland, brl	1.41	1.43
Doors, white pine, each	1.77	1.81
Hemlock, M feet	20.58	21.00
Lime, common, brl	1.04	1.04
Linseed oil, raw, gal	.58	.77
Maple, hard, M feet	31.00	31.00
Oak, white, M feet	48.42	55.00
Oak, white, quartered, M feet	84.33	88.00
Oxide of zinc, lb	.05	.05
Pine, white, boards, M feet	37.10	38.10
Pine, yellow, flooring M feet	45.83	46.50
Pine, yellow, siding, M feet	33.04	31.00
Plate glass, polished, sq. ft	.20	.25
Poplar, M feet	57.62	59.00
Putty, lb	.01	.01
Rosin, good, strained, lb	3.50	4.55
Shingles, cypress, M	3.27	3.85
Spruce, M feet	25.25	25.00
Tar, brl	1.64	2.00
Turpentine, spirits of, gal	.49	.63
Window glass, firsts, 50 sq. ft	2.32	2.88

DRUGS AND CHEMICALS.

Commodity.	1909.	1910.
Alcohol, grain, gal	2.62	2.61
Alcohol, wood, gal	.50	.50
Alum, lump, lb	.02	.02
Brimstone, crude, ton	22.00	22.00
Glycerin, refined, lb	.17	.20
Muriatic acid, lb	.01	.01
Opium, natural, lb	4.61	5.45
Quinine, American, oz	.14	.14
Sulphuric acid, lb	.01	.01

HOUSE-FURNISHING GOODS.

Earthenware, plates, white, doz	.46	.46
Earthenware, cups and saucers, gross	3.39	3.39
Furniture, bedroom sets, each	10.87	11.50
Furniture, chairs, maple, doz	9.00	9.00
Furniture, chairs, kitchen, doz	5.58	5.50
Furniture, tables, kitchen, doz	18.00	19.50
Glassware, nappies, doz	.11	.11
Glassware, pitchers, doz	1.00	.80
Glassware, tumblers, common, doz	.13	.12
Table cutlery, knives, forks, gross	5.00	5.00
Woodenware, pails, doz	1.92	1.90
Woodenware, tubs, nest of 3	1.65	1.65

MISCELLANEOUS.

Cottonseed meal, ton	32.04	36.00
Cottonseed oil, gal	.44	.55
Jute, raw, lb	.03	.03
Malt, western, bu	.79	.83
Paper, news, lb	.02	.02
Paper, Manila wrapping, lb	.05	.05
Proof spirits, gal	1.36	1.35
Rope, Manila, lb	.08	.08
Rubber, lb	1.48	1.95
Soap, castile, lb	.10	.11
Starch, laundry, lb	.04	.04
Tobacco, plug, lb	.47	.47
Tobacco, smoking, granulated, lb	.60	.60

NATIONAL MONETARY COMMISSION.

Appointed under the act to amend the national banking laws approved May 30, 1908.

Senator Nelson W. Aldrich of Rhode Island, chairman; Representative Edward B. Vreeland of New York, vice-chairman; Senator Julius C. Burrows of Michigan, Senator Eugene Hale of Maine, Secretary of State Philander C. Knox of Pennsylvania, Henry M. Teller of Colorado, Senator Hernando D. Money of Mississippi, Senator Joseph W. Bailey of Texas, Senator Theodore E. Burton of Ohio, Robert W. Bonynge of Colorado, and Representatives John W. Weeks of Massachusetts, Sylvester C. Smith of California, Lemuel P. Padgett of Tennessee, George F. Burgess of Texas and Arsene P. Pujo of Louisiana.

Secretary—Arthur B. Shelton, 1712 R street, Washington, D. C.

Assistant to the Commission—Prof. A. Piatt Andrew.

UNITED STATES MILITARY ACADEMY.

West Point, N. Y.

The United States military academy is a school for the practical and theoretical training of cadets for the military service of the United States. Upon completing the course satisfactorily cadets are eligible for promotion and commission as second lieutenants in any arm or corps of the army in which there may be a vacancy the duties of which they may have been judged competent to perform. The maximum number of cadets at present permitted by law is 521. The corps of cadets consists of one from each congressional district, one from each territory, one from the District of Columbia, two from each state at large and forty from the United States at large, all appointed by the president.

TRAFFIC OF SAULT STE. MARIE CANALS.

	1907.	1908.	1909.
Steamers	17,245	12,553	16,463
Sailing vessels	2,303	1,355	1,787
Unregistered	889	1,273	984
Total	20,437	15,685	19,204
Net registered tonnage	44,087,974	31,091,730	46,751,717
Net freight tonnage	58,217,214	41,390,557	57,895,149
Passengers, number	62,758	53,287	59,948

RELATIVE PRICES OF COMMODITIES.

In this table, prepared by the department of labor in Washington, the average wholesale price in New York and other primary markets of each article for the years 1890-1899, inclusive, is taken as the base price and is represented by 100. The relative price is the average wholesale price for each year from 1898 to 1909, inclusive, compared with the base price. The relative price in March, 1910, is added.

YEAR.	CATTLE AND CATTLE PRODUCTS.						DAIRY PRODUCTS.		
	Cattle.	Beef, fresh.	Beef, hams.	Beef, mess.	Tallow.	Hides.	Milk.	Butter.	Cheese
1898	102.2	101.3	118.8	114.2	81.8	122.8	93.7	86.8	83.3
1899	113.2	108.3	125.6	115.9	104.1	131.8	99.2	95.8	108.9
1900	111.3	104.3	114.2	121.7	111.5	127.4	107.5	101.7	114.3
1901	116.6	102.1	112.6	116.3	119.1	132.0	102.7	97.7	102.4
1902	139.5	125.9	118.0	147.1	144.6	142.8	112.9	112.1	114.1
1903	105.8	101.7	117.2	113.1	117.2	124.8	112.9	105.7	123.5
1904	110.9	106.1	123.5	109.4	105.6	124.4	107.8	98.4	105.2
1905	111.2	104.0	121.6	125.0	103.2	152e6	113.3	112.8	122.8
1906	114.2	101.2	119.2	110.3	119.3	164.7	118.0	113.1	133.0
1907	122.9	114.7	144.0	122.5	142.8	155.3	131.4	128.5	143.3
1908	127.4	129.5	153.2	164.5	126.7	142.6	129.0	122 1	138.2
1909	137.1	133.1	138.8	137.5	136.6	175.8	132.5	131.7	150.5
1910 (March)	155.3	142.1	138.2	183.6	162.8	152.1	147.1	148.1	174.8

YEAR.	HOGS AND HOG PRODUCTS.					SHEEP AND SHEEP PRODUCTS.		
	Hogs.	Bacon.	Hams, smoked.	Mess pork.	Lard.	Sheep.	Mutton.	Wool.
1898	85.6	89.4	82.0	84.8	84.4	104.9	98.0	108.3
1899	91.8	85.8	93.8	80.3	85.0	104 3	94.3	110.8
1900	115.5	111.5	104.2	107.5	105.5	112.0	96.4	117.7
1901	134.5	132.3	109.2	134.2	135.3	92.0	89.5	96.6
1902	155.2	160.0	123.1	154.2	161.9	103.2	97.9	100.8
1903	137.2	142.1	129.2	143.1	134.1	98.4	98.7	110.3
1904	116.7	115.1	108.9	120.6	111.8	109.1	103.2	115.5
1905	120.2	119.0	106.3	123.9	113.9	131.5	113.9	121.3
1906	142.2	139.9	126.5	150.5	135.6	132.6	120.7	121.1
1907	130.2	140.7	132.4	151.0	140.7	120.9	116.0	121.9
1908	129.5	153.1	114.3	137.3	138.8	111.0	114.5	118.3
1909	169.1	173.4	133.1	183.5	178.7	121.7	119.2	126.5
1910 (March)	238.0	219.8	176.8	232.3	219.3	189.4	175.7	123.3

YEAR.	CORN, ETC.			FLAXSEED, ETC.		RYE AND RYE FLOUR.		WHEAT AND WH'T FLOUR.		BREAD, ETC.		
	Corn.	Glucose.	Meal.	Flaxseed.	Linseed oil.	Rye.	Rye flour.	Wheat	Wheat flour.	Wheat flour.	Crackers.	Loaf bre'd
1898	82.6	91.8	83.7	99.8	86.5	93.8	92.9	117.8	109.0	109.0	107.3	100.8
1899	87.6	95.6	91.2	104.0	94.1	104.4	99.4	94.7	87.9	87.9	99.1	100.8
1900	100.2	104.9	97.0	145.7	138.7	97.9	103.3	93.7	88.3	88.3	102.7	100.8
1901	130.6	116.0	115.5	145.8	140.0	100.8	100 1	95.7	87.4	87.4	108.2	100.8
1902	156.9	153.6	148.2	135.0	130.8	102.5	103.8	98.7	89.7	89.7	108.2	100.8
1903	121.1	129.7	124.7	94.1	91.9	97.5	94.9	105.1	97.1	97.1	101.3	100.8
1904	132.6	126.3	129.5	99.6	91.7	133.4	131.1	138.3	125.4	125.4	103.4	106.0
1905	131.7	125.1	128.4	107.6	103.1	134.5	134.7	134.5	122.2	122.2	113.8	110.9
1906	121.8	142.9	122.5	99.1	89.3	115.5	115.9	105.6	96.8	96.8	112.1	110.9
1907	138.8	159.4	131.5	106.1	95.7	145.4	138.7	120.8	108.6	108.6	112.1	110.9
1908	179.9	186.2	156.4	108.0	96.5	148.0	142.8	131.8	118.8	118.8	112.1	114.5
1909	175.5	174.4	156.7	140.6	127.9	148.0	135.2	159.7	138.6	138.6	112.8	117.1
1910 (March)	164.2	153.0	167.1	192.7	169.8	149.6	133.4	158.1	135.4	135.4	120.7	117.9

YEAR.	COTTON AND COTTON GOODS.								
	Cotton, upland, mid'ling	Bags, 2-bushel Am'sk'g	Calico, Cocheco prints.	Cotton flannels.	Cotton thread.	Cotton yarns.	Denims.	Drillings.	Ginghams.	Hosiery
1898	76.9	95.6	81.4	81.0	98.4	90.8	85.9	86.8	83.1	83.4
1899	84.7	103.4	87.3	88.0	98.4	88.5	85.8	88.5	89.7	82.5
1900	123.8	112.6	94.9	101.6	120.1	115.5	102.8	105.0	96.3	87.3
1901	111.1	101.0	90.4	95.4	120.1	98.3	100.2	102.2	92.3	85.9
1902	115.1	102.4	90.4	96.1	120.1	94.0	100.6	102.0	99.2	85.2
1903	144.7	104.2	91.1	106.8	120.1	112.9	108.0	109.6	101.8	90.1
1904	155.9	128.4	95.7	125.6	120.1	119.5	116.6	126.7	99.9	89.2
1905	123.1	109.6	93.5	119.7	120.1	105.7	103.7	123.8	93.4	87.5
1906	142.0	129.1	99.5	128.2	120.1	120.8	118.1	138.8	104.7	89 7
1907	153.0	138.5	121.0	139.5	134.8	133.9	132.3	147.2	122.0	97.4
1908	134.8	134.3	104.3	119.2	131.7	108.8	111.1	130.6	101.5	89.5
1909	156.0	134.6	97.1	108.4	126.4	118.6	119.9	139.7	107.2	92.3
1910 (March)	193.8	143.0	114.6	128.9	126.4	131.9	143.7	151.4	124.5	93.4

RELATIVE PRICES OF COMMODITIES.—CONTINUED.

YEAR.	COTTON AND COTTON GOODS.				WOOL AND WOOLEN GOODS.					
	Print cloths.	Sheetings.	Shirtings.	Tickings.	Wool.	Blank'ts, all wool.	Broadcloths.	Carpets.	Flannels.	Horse blankets.
1898	72.6	86.7	83.8	84.3	108.3	107.1	98.2	100.2	97.8	99.5
1899	96.3	92.2	87.8	87.0	110.8	95.2	98.2	99.4	99.5	94.2
1900	106.6	105.9	100.4	102.2	117.7	107.1	108.0	102.7	108.7	118.7
1901	99.3	101.8	98.9	95.5	96.6	101.2	110.3	101.9	100.8	109.9
1902	108.9	101.4	98.8	99.0	100.8	101.2	110.3	102.5	105.8	109.9
1903	113.3	110.6	103.2	104.1	110.3	110.1	110.3	108.6	114.3	117.8
1904	117.3	121.1	104.7	114.3	115.5	110.1	110.5	110.0	117.6	122.2
1905	110.0	113.5	101.2	102.1	127.3	119.0	115.2	115.7	118.4	130.9
1906	127.7	122.4	111.1	119.0	121.1	122.0	116.6	117.7	122.4	135.3
1907	167.4	132.2	137.4	129.4	121.5	119.0	116.6	123.2	123.1	130.9
1908	118.0	120.0	120.0	106.0	118.3	113.1	115.6	118.9	122.4	126.5
1909	126.5	119.6	116.4	111.3	126.5	119.0	116.6	116.8	121.9	126.5
1910 (March)	145.3	134.7	126.6	132.0	123.3	131.0	118.9	117.3	124.4	135.3

YEAR.	WOOL AND WOOLEN GOODS.					HIDES, LEATHER, BOOTS AND SHOES.			PETROLEUM.	
	Overcoatings (all wool).	Suitings.	Underwear (all wool).	Dress goods (all wool).	Worsted yarns.	Hides.	Leather.	Boots and shoes.	Crude.	Refined.
1898	97.1	103.4	92.7	88.5	100.5	122.8	104.4	96.3	100.2	99.5
1899	100.6	106.1	100.4	102.7	106.7	131.8	109.3	96.8	142.1	118.0
1900	116.1	115.8	100.4	118.7	118.4	127.4	113.2	99.4	148.5	152.6
1901	105.3	104.9	100.4	107.9	102.2	132.0	110.8	99.2	132.9	119.3
1902	105.3	105.8	100.4	109.8	111.7	142.8	112.7	98.9	135.9	118.8
1903	110.2	109.0	100.4	114.4	118.0	124.8	112.0	100.2	174.5	142.8
1904	110.3	109.0	100.4	115.6	116.5	124.4	108.5	101.1	178.8	140.5
1905	118.2	122.7	100.4	129.7	124.7	152.6	112.1	107.4	152.1	126.6
1906	126.1	134.8	115.8	134.1	128.5	164.7	120.4	121.8	175.5	131.8
1907	124.8	133.1	115.8	130.9	127.9	155.3	124.0	125.9	190.5	139.1
1908	122.6	127.6	115.8	127.0	117.6	142.6	119.4	121.3	195.6	143.1
1909	109.8	135.1	115.8	133.4	130.2	175.8	126.8	128.1	182.7	133.7
1910 (March)	114.0	142.2	115.8	140.7	128.7	152.1	128.9	128.8	153.8	127.4

SUMMARY OF RELATIVE PRICES OF COMMODITIES, 1898 TO 1910, BY GROUPS.

Average price for 1890-1899—100.

YEAR.	Farm prod'cts.	Food, etc.	Cloths and clothing	Fuel and lighting	Metals and implements.	Lumber and building material	Drugs and chemicals.	House-furnishing goods.	Miscellaneous.	All commodities.
1898	96.1	94.4	96.7	95.4	86.4	95.8	106.4	92.0	92.4	93.4
1899	100.0	98.3	106.8	105.0	114.7	105.3	111.3	96.1	97.7	101.7
1900	109.5	104.2	101.0	120.9	120.5	115.7	115.7	106.1	109.8	110.5
1901	116 9	105.9	102.0	119.5	111·9	116.7	115.2	110.9	107.4	108.5
1902	130.5	111.3	107.1	134.3	117.2	118.8	114.2	112.2	114.1	112.9
1903	118.8	107.1	106.6	149.3	117.6	121.4	112.6	113.0	113.6	113.6
1904	126.2	107.2	109.8	132.6	109.6	122.7	110.0	111.7	111.7	113.0
1905	124.2	108.7	112.0	128.8	122.5	127.8	109.1	109.1	112.8	115.9
1906	123.6	112.6	120.0	129.5	135.2	140.1	101.2	111.0	121.1	122.4
1907	137.1	117.8	126.7	135.0	143.4	146.9	109.6	118.5	127.1	129.5
1908	133.1	120.6	116.9	130.8	125.4	133.1	110.4	114.0	119.9	122.8
1909	153.1	124.7	119.6	129.3	124.8	138.4	112.4	111.7	125.9	126.5
1910 (March)	181.1	130.9	126.4	130.3*	128.9	151.3	116.4	109.7	132.2	138.8

WORLD'S SHIPS, RAILWAYS, TELEGRAPHS AND CABLES.

[Report of the bureau of statistics, Washington, D. C.]

Development by decades of carrying power, commerce and means of communication from 1800 to 1905.

YEAR.	Population.	COMMERCE.		CARRYING POWER.			Railways.	Telegraphs	Cables
		Total.	Per capita.	Sail.	Steam.	Total.			
	Millions.	Millionsof dollars	Dollars.	Thousand tons.	Thousand tons.	Thousand tons.	Thousand miles.	Thousand miles.	Thousand miles.
1800	640	1,479	2.31	4,026	.....	4,026	.....	.....	.....
1820	780	1,659	2.13	5,814	0.02	5,894	.....	.....	.....
1830	847	1,981	2.34	7,100	.11	7,528	0.2	.....	.....
1840	950	2,789	2.93	9,012	.37	10,482	5.4	.....	.....
1850	1,075	4,049	3.76	11,470	.86	14,902	24.0	5	1-40
1860	1,205	7,246	6.01	14,890	1.7	21,730	67.4	100	1¼
1870	1,310	10,663	8.14	12,900	3.0	25,100	139.9	281	15
1880	1,439	14,761	10.26	14,400	5.9	37,900	224.9	440	49
1890	1,488	17,519	11.80	12,640	9.0	48,800	390.0	768	132
1900	1,500	20,105	13.33	8,119	14.7	66,800	500.0	1,180	200
1905	1,600	22,500	14.06	6,037	18.6	80,400	550.0	1,300	200

UNITED STATES CUSTOMS DUTIES.

Following are the existing tariff rates placed by the Payne-Aldrich act on articles in common use or of extensive importation. The chief items on the free list are included. Amounts given in dollars and cents are specific and the percentages are ad valorem duties. The abbreviation "n. s. p." means not specially provided for.

Agricultural implements, 15%.
Albums, 35%.
Alcohol, $2.60 proof gal.
Aluminum, crude, 7c lb.; plates, etc., 11c lb.
Ammonia, 1½c a lb. to 5c lb.
Animals, n. s. p., 20%; cattle, less than 1 year old, $2 per head; other cattle, value $14 or less, $3.75 head; value over $14, 27½%; swine, $1.50 a head; horses and mules, value $150 or less, $30 a head; value over $150, 25%; sheep, 1 year or more old, $1.50 a head; under 1 year, 75c head.
Apples, green, 25c bu.; dried, 2c lb.
Art, works of, such as painting and statuary, 15%; more than twenty years old, free.
Bacon and hams, 4c lb.
Barley, 30c bu. of 48 lbs.; malt, 45c bu. of 45 lbs.
Barrels, casks, empty, 30%.
Baskets, 35% to 40%.
Bay rum, $1.75 gal.
Beaded fabrics, not wool, 60%; wool, 55c lb. and 60%.
Beads, not strung, 35%; in jewelry, 60%.
Beans, 45c bu. of 60 lbs.
Beef, fresh, 1½c lb.
Beets, 25%; sugar beets, 10%.
Birds, free; dressed for ornaments, 60%.
Biscuits, bread, n. s. p., 20%.
Blacking, 25%.
Blank books, n. s. p., 25%.
Blankets, 22c lb. and 30% to 44c lb. and 55%.
Bone, manufactures of, n. s. p., 35%.
Books, 25%; printed more than twenty years, free.
Boots and shoes (leather), 10%.
Borax, 2c lb.
Bottles, glass, ornamented, 60%.
Braids, wool, 55c lb. and 60%; silk, cotton, flax, 60%; grass, straw, 15% to 20%.
Brick, fire, $1.25 ton to 35%
Bristles, 7½c lb.
Bronze, manufactures of, 45%.
Brushes, 40%.
Buckwheat, 15c bu of 48 lbs.
Buggies, carriages, 45%.
Butter and substitutes for, 6c lb.
Buttons, 1-12c to 1½c per line per gross and 15%; buttons, n. s. p., 50%.
Cabbages, 2c each.
Cameras, 45%.
Camphor, 6c lb.
Carbons for electric lights, 35c to 65c per 100 ft.; carbon pots, 20%.
Cards, playing, 10c per pack and 20%.
Carpets, Axminster, moquette, chenille, Saxony, Wilton, Tournay, 60c sq. yd. and 40%; Brussels, 44c sq. yd. and 40%; velvet and tapestry velvet, 40c sq. yd. and 40%; tapestry Brussels, 28c sq. yd. and 40%; three-ply ingrain, 22c sq. yd. and 40%; two-ply ingrain, 18c sq. yd. and 40%; woven whole for rooms, 10c sq. yd. and 40%; carpets of wool, flax or cotton and mats and rugs of cotton, 50%.
Cash registers, 30%.
Castor oil, 35c gal.
Cement, hydraulic, in barrels, 8c 100 lbs.; in bulk, 7c 100 lbs.; other cement, 20%.
Chalk, prepared, 1c lb.; manufactures of, n. s. p., 25%.
Charcoal, 25%.
Charts, paper, n. s. p., 25%.
Cheese, 6c lb.
China, decorated, 60%; not decorated, 55%.
Chloroform, 10c lb.
Chocolate or cocoa, value not above 15c lb., 2½c lb.; above 15c and not above 24c lb., 2½c lb. and 10%; above 24c and not above 35c lb., 5c lb. and 10%; above 35c lb., 50%.
Cider, 5c gal.
Cigars, cigarettes, $4.50 lb. and 25%.
Clocks, n. s. p., 40%.
Clothing, cotton, 50%; wool, 44c lb. and 60%; silk, 60%.
Coal, bituminous, 45c ton; anthracite, free.
Cod liver oil, 15c gal.
Coffee, free.
Coke, 20%.
Collars and cuffs, cotton, 45c doz. and 15%; linen 40c doz. and 20%.
Colors, paints, etc., n. s. p., 30%.
Combs, horn, 50%.
Confectionery, n. s. p., 4c lb. and 15% to 50%.
Copper, manufactures, 45%; plates, sheets, 2c lb.; ore, free.
Cork, bark and manufactures of, n. s. p., 30%.
Corn, 15c bu. of 56 lbs.
Cornmeal, 40c 100 lbs.
Cotton, raw, free; cloth, 1c to 8c sq. yd.; handkerchiefs, 4½c and 10%; hosiery, 70c to $2 doz. pairs and 15%; shirts, drawers, 60c doz. and 15% to $2.25 doz and 35%; thread, colored, 6c to 67c lb.; not colored, 2½c to 28c lb.
Currants, dried, 2c lb.
Damask, cotton table, 40%.
Diamonds, in rough, free; cut, but not set, 10%; set, 60%.
Drugs, crude, free; advanced in value by treatment, ¼c lb. and 10%.
Dyewoods, crude, free; extracts of, n. s. p., ⅛c lb.
Earthenware, plain, 25%; ornamented, 40%.
Eggs, 5c doz.
Embroideries, lace, 60%.
Engravings, n. s. p., 25%.
Envelopes, plain, 20%; other, 35%.
Etchings, paper, 25%.
Fans, palmleaf, free; all other 50%.
Feathers, plain, 20%; dressed, colored, 60%.
Fertilizers, free.
Figs, 2½c lb.
Fish, American fisheries, free; n. s. p., ¾c lb.; halibut or salmon, 1c lb.; herrings, pickled, ½c lb.; ditto, fresh, ¼c lb.; fish packed in tins, etc., 1½c to 10c per package, according to size; caviar, 30%.
Flax, manufactures of, n. s. p., 45%; straw, $5 a ton; not hackled, 1c lb.; hackled, 3c lb.; tow, $20 ton.
Flaxseed, 25c bu of 56 lbs.
Flour, wheat, 25%.
Flowers, artificial, 60%.
Furniture (wood), 35%.
Fur, manufactures of, prepared for use as material, 35%; wearing apparel, 50%.
Glass, common window, 1¾c to 4¼c lb., according to value and size; glassware, n. s. p., 60%; crown, polished, 4c to 15c sq. ft.; cast plate, 10c to 25c sq. ft.
Gloves, leather, $1.25 to $4.75 doz. pairs; silk, cotton, fur, 50%.
Glucose or grape sugar, 1½c lb.
Glue, 2½c lb. to 15c lb. and 20%.
Glycerin, crude, 1c lb.; refined, 3c lb.
Gold, manufactures, 45%; jewelry, 60%; gold leaf, 35c 100 leaves.
Grass fibers, manufactures, n. s. p., 45%.
Grindstones, $1.75 ton.
Guns, 25% to $6 and 35%.
Gutta-percha, manufactures of, n. s. p., 35%.
Hair, human, not manufactured, 20%; manufactured, 35%; hair for mattresses, 10%.
Handkerchiefs, silk, 50% to 60%; linen, 50% to 55%.
Harness, leather, 20%.
Hats and caps, fur, $1.50 to $7 doz. and 20%; other material, 45% to 60%.
Hay, $4 ton.
Hemp, tow, $2.50 ton; hackled, $45 ton; manufactures, n. s. p., 45%.
Hides, raw, free.
Honey, 20c gal.
Hooks and eyes, metallic, 4½c lb. and 15%.
Hops, 16c lb.
Horn, manufactures, n. s. p., 40%.
India rubber, manufactures of, n. s. p., 35%.
Ink, 25%.
Iron, ore, 15c ton; in pigs, wrought and cast, $1 ton; bar, n. s. p., 6-10c lb.; manufactures of, n. s. p., 45%; beams, girders, 3-10c to 4-10c lb.; hoop, band or scroll, n. s. p., 3-10c to 6-10c lb.; railway bars, T-rails, 7-40c lb.; cast iron pipe, ¼c lb.; malleable castings, n. s. p., 7-10c lb.

Ivory, manufactures of, 35%; unmanufactured, free.
Jellies, 35%.
Jet, manufactures of, n. s. p., 50%.
Jewelry, 60%.
Jute, manufactures of, n. s. p., 45%.
Knives, pocket, 40% to 75c doz and 25%.
Lace, manufactures of, n. s. p., 60%.
Lard, 1½c lb.
Laths, 20c per 1,000.
Lead, manufactures of, n. s. p., 45%; in any form, n. s. p., 2½c lb.
Leather, n. s. p., 15%; grain, buff and split, 7½%.
Lime, 5c 100 lbs.
Linen, manufactures of, n. s. p., 45%.
Linoleum, 8c sq. yd. and 15% to 10c sq. yd. and 20%.
Linseed, 25c bu. of 56 lbs.; oil, 15c gal. of 7½ lbs.
Liquors, ale, porter, stout, beer, in bottles or jugs, 45c gal.; in bulk, 23c gal.; brandy, n. s. p., $2.60 proof gal.; cordials, liqueurs, bitters, n. s. p., $2.60 proof gal.; champagnes and other sparkling wines in bottles of 1 pint to 1 quart, $9.60 doz.; whisky, gin and other spirits, $2.30 proof gal.
Macaroni, etc., 1½c lb.
Manila cables and cordage, ¾c lb.
Maple sirup and sugar, 4c lb.
Maps, paper, n. s. p., 25%.
Marble, in blocks, rough, 65c cubic ft.; manufactures of, n. s. p., 50%.
Marmalade, 1c lb., 35%.
Matches, friction, per gross of 144 boxes, 100 matches to the box, in bulk, ¾c per 1,000; wax and tapers, 35%.
Matting, rattan, 6c sq. yd.; mats of same, 4c sq. ft.; oilcloth, 6c sq. yd. and 15% to 10c sq. yd. and 15%.
Meats, prepared or preserved, n. s. p., 25%.
Medicinal preparations, n. s. p., 25%; containing alcohol, 55c lb.
Meerschaum, crude, free; pipes, 60%.
Mica, unmanufactured, 5c lb. and 20%; manufactured, 10c lb. and 20%.
Milk, fresh, 2c gal.; preserved, condensed, 2c lb.; cream, 5c gal.
Mineral waters, in bottles of 1 pint to 1 quart, 30c doz.; in bottles of more than 1 quart, 24c gal.; in bulk, 8c gal.
Mirrors, 45%.
Molasses, 20% to 6c gal., according to test.
Music, in books or sheets, n. s. p., 25%.
Musical instruments, 45%.
Mutton, 1½c lb.
Nails, wire, 4-10c to ¾c lb.; cut nails and spikes, 4-10c lb.; horseshoe, n. s. p., 1½c lb.
Naphtha, free.
Needles, n. s. p., 25%; for machines, $1 per 1,000 and 25%; latch, $1.15 per 1,000 and 35%.
Nickel, in pigs, etc., 6c lb.; sheets, 35%; manufactures of, 45%.
Nippers and pliers, 8c lb. and 40%.
Nuts, n. s. p., 1c lb.; peanuts, unshelled, ½c lb.; peanuts, shelled, 1c lb.; almonds, shelled, 6c lb.; almonds, unshelled, 4c lb.; filberts and walnuts, unshelled, 3c lb.; shelled, 5c lb.; Brazil, palm, cocoanut, free.
Oats, 15c bu.; oatmeal, 1c lb.
Oilcloth, for floors, n. s. p., 6c sq. yd. and 15% to 10c sq. yd. and 15%.
Oil, fish, 8c gal.; castor, 35c gal.; cod liver, 15c gal.; flaxseed, linseed, poppyseed, 15c gal.; pf., 7½c lb.; fusel, ¼c lb.; hempseed, rapeseed, 10c gal.; olive, n. s. p., 40c gal.; peppermint, 25c lb.; petroleum, naphtha, free.
Onions, 40c bu.
Opera glasses, 45%.
Opium, $1.50 lb.; dried, $2 lb.; with less than 9% of morphia, $6 lb.; derivatives of, $1.50 oz.; liquid preparations of, 40%.
Ore, iron, 15c ton; lead-bearing, 1½c lb. on lead contained; zinc, ¼c to 1c on zinc contained; gold, silver, nickel, tin, free.
Oysters, free.
Paintings, n. s. p., 15%; more than twenty years old, free.
Paints, colors, pigments, n. s. p., 30%.
Palm leaf, manufactures of, n. s. p., 35%.
Paper, printing, 3-10c lb. to 8-10c lb.; valued above 5c lb., 15%; writing, 3c lb. and 15%; manufactures of, n. s. p., 35%; wood pulp, ground, ⅛c lb.; chemical, 1-6c lb.; paper stock, free.
Pease, green, 25c bu. of 60 lbs.
Pencils, lead, 45c gross and 25%; slate, 3c per 100; covered with wood, 35%.
Pens, metallic, except gold, 12c gross.
Pepper, unground, free; ground, 2½c to 3c lb.
Perfumery, alcoholic, 60c lb. and 50%; nonalcoholic, 60%.
Pewter, manufactures of, n. s. p., 45%.
Phonographs, 45%.
Phosphorus, 18c lb.
Photographic lenses, n. s. p., 45%; dry plates or films, n. s. p., 25%.
Photographs, printed more than twenty years, free; other, on paper, 25%.
Pickles, n. s. p., 40%.
Pineapples, in bulk, $8 per 1,000.
Pins, not jewelry, 35%.
Pipes, clay, 15c gross to 50c gross and 25%; other, n. s. p., 60%.
Plants, nursery stock, n. s. p., 25%.
Plasters, curative, court, 25%.
Porcelain ware, decorated, 60%; not decorated, 55%
Pork, fresh, 1½c lb.
Potash, crude, free.
Potatoes, 25c bu. of 60 lbs.
Poultry, live, 3c lb.; dressed, 5c lb.
Powder, gun, 2c lb. to 4c lb.
Precious stones, cut but not set, 10%; set, 60%; imitations, not set, 20%.
Presses, printing, 30%.
Pulp (see paper).
Quicksilver, 7c lb.
Radium, free.
Rags, wool, 10c lb.; other, free.
Raisins, 2½c lb.
Rattan, rough, free; manufactures of, 45%; chair cane, 10%.
Rice, cleaned, 2c lb.; uncleaned, 1¼c lb.
Rubber, crude, free; manufactures of, n. s. p., 40%.
Rye, 10c bu.; flour, 1½c lb.
Saccharine, 65c lb.
Salt, in bags, barrels, etc., 11c per 100 lbs.; in bulk, 7c per 100 lbs.
Sausages, bologna, free; other, 25%.
Saws, hand, 25%.
Scissors and shears, 15c doz. and 15% to 75c doz. and 25%.
Screws, 3c to 10c lb.
Sculptures, n. s. p., 15%; more than twenty years old, free.
Seeds, n. s. p., 10c lb.
Sewing machines, 30%.
Sheep, 1 year old or more, $1.50 head; less than 1 year, 75c head.
Shingles, 50c per 1,000.
Silks, yard, 45c to 60c lb.; clothing, 60%; spun in skeins, 35%; skeins not wound or advanced in manufacture, free.
Silver, bullion, free; manufactures of, n. s. p., 45%; silver leaf, 10c 100 leaves.
Skins, n. s. p., free.
Slate and manufactures of, n. s. p., 20%.
Snuff, 55c lb.
Soap, n. s. p., 20%; castile, 1¼c lb.; medicated, 20c lb.; fancy, perfumed, 50%.
Spectacles, 20c doz. and 15% to 50%.
Spices, n. s. p., 3c lb.; mustard, 10c lb.; sage, 1c lb.; pepper, ground, 2½c lb.; cinnamon, clove, nutmeg, pepper, cassia, unground, free.
Sponges, 2%; manufactures of, n. s. p., 30%.
Starch, from potatoes, 1½c lb.; all other, 1c lb.
Stockings, cotton, n. s. p., 30%; other cotton, 70c doz. pairs to 55%.
Stoves, 45%.
Straw, $1.50 ton; manufactures of, n. s. p., 35%.
Sugars, not above No. 16 Dutch standard, 95-100c lb., and for every degree above 75 polariscope test, 35-1000c lb.; above No. 16, 1 91-100c lb.; saccharine, 65c lb.; sugar candy, n. s. p., 4c lb. and 15% to 50%.
Swords, 50%.
Tallow, ½c lb.
Tar and pitch free.
Tea, free.
Telescopes, 45%.
Thread, cotton, on spools, 6c doz.; flax, 10c lb.
Tiles, plain, 4c sq. ft.; glazed, etc., 8c sq. ft. to 10c sq. ft. and 25%; quarry, 45%; mantels, etc., of tiling, 60%.

Tin, in ore, bars, blocks, pig, free; in plates, 1 2-10c lb.; manufactures of, 45%.
Tobacco, wrapper, unstemmed, $1.85 lb.; stemmed, $2.50; filler, unstemmed, 35c lb.; stemmed, 50c lb.; snuff, 55c lb.; cigars, cigarettes, $4.50 lb. and 25%; tobacco, n. s. p., 55c lb.
Toothpicks, wood, 2c 1,000.
Turpentine, spirits of, free.
Twine, binding, free.
Type metal, 1½c lb. on lead; new type, 25%.
Typesetting machines, 30%.
Varnishes, 25%.
Vegetables, preserved or prepared, n. s. p., 40%; in natural state, n. s. p., 25%.
Vinegar, 7½c pf. gal.
Watch movements, 70c each to $3 each and 25%; cases, 40%.
Waterproof cloth, 10c sq. yd. and 20%.
Wax, vegetable or mineral, free.
Whalebone, unmanufactured, free; manufactured, n. s. p., 35%.
Wheat, 25c bu.; wheat flour, 25%.
Willow, manufactures of, n. s. p., 35%.
Wire, except gold and silver, 35% to 40%; fencing, ¾c lb.
Wood, manufactures of, n. s. p., 35%; sawed lumber, n. s. p., $1.25 per 1,000 ft.; timber, hewn but not sawed, ½c cubic ft.; cabinet woods, unmanufactured, 15%; veneers, 20%; ties, poles, 10%; fence posts, free; logs and unmanufactured timber, pulp woods, firewood, free.
Wool, class 1, 11c lb.; class 2, 12c lb.; class 1, washed, 22c lb.; scoured, 33c lb.; class 2, scoured, 36c lb.; class 3, 4c to 7c lb.; wool on skin, 1c lb. less than on cut wool of same class; blankets, 22c lb. and 30% to 44c lb. and 55%; cloths, knit fabrics, n. s. p., 33c lb. and 50% to 44c lb. and 55%; dress goods, women's and children's, 7c sq. yd. and 50% to 11c sq. yd. and 55%; clothing, ready made, 44c lb. and 60%.
Zinc, manufactures of, n. s. p., 45%; ore, with less than 10% zinc, free; with more than 10%, ¼c to 1c lb.

UNITED STATES TARIFF COMMISSION.

Appointed Sept. 11, 1909.

Prof. Henry C. Emery, Yale university, New Haven, Conn.
James B. Reynolds, assistant secretary of the treasury, Washington, D. C.
Alvin H. Sanders, editor Breeders' Gazette, Chicago.
The appointment of the commission was authorized in the second section of the Payne-Aldrich tariff law of 1909, the last sentence in the section reading: "To secure the information necessary in carrying out the provisions of this section the president is authorized to employ such persons as may be required." The maximum compensation of each member of the commission is $7,500.

SYNOPSIS OF TARIFF LEGISLATION SINCE 1884.

Morrison Bills—First bill presented to 48th congress during Chester A. Arthur's administration; proposed a horizontal reduction of 20 per cent with free iron ore, coal and lumber; defeated in house April 15, 1884, by vote of 159 to 155; house heavily democratic and senate republican. Second bill presented to 49th congress during Grover Cleveland's first administration; similar to first bill, proposing free wool, salt and lumber; defeated in house June 17, 1886, by a vote of 157 to 140; house democratic, senate republican.
Mills Bill—Presented to 50th congress during Cleveland's first administration; provided for free lumber and wool, reduction on pig iron and abolition of specific duties on cotton; passed by house July 21, 1888, by vote of 162 to 149, but failed in senate; house democratic, senate republican.
McKinley Bill—Passed by 51st congress during Benjamin Harrison's administration; became law Oct. 6, 1890; high protective measure, though remitting duties on sugar and providing for reciprocity treaties; both houses of congress republican.
Wilson Bill—Passed by 53d congress during Cleveland's second administration; became law Aug. 17, 1894, without the president's signature; both houses democratic; measure reduced duties in some cases and made additions to free list, notably wool.
Dingley Bill—Passed by 54th congress during McKinley's administration; approved July 24, 1897; passed by house 205 yeas to 122 nays, 27 members not voting; passed by senate 38 yeas to 28 nays, 23 not voting; house contained 206 republicans and 124 democrats and senate 46 republicans and 34 democrats; measure raised rates to produce more revenue, but was similar in many respects to the McKinley act.
Payne-Aldrich bill passed at extra session of 61st congress in first year of President William H. Taft's administration; approved Aug. 5, 1909; passed the house by a vote of 217 to 161 and the senate by a vote of 45 to 34. The conference vote in the house was 195 yeas to 183 nays, twenty republicans voting in the negative and two democrats in the affirmative. In the senate the vote on the final conference report was 47 to 31, seven republicans voting against it. In general the revision of the Dingley act was in the direction of lower duties, but there were some increases. The law is given practically in full in The Daily News Almanac and Year-Book for 1910.

THE SMITHSONIAN INSTITUTION IN WASHINGTON.

The Smithsonian institution was established by statute in 1846, under the terms of the will of James Smithson, who bequeathed his fortune in 1826 to the United States for the "increase and diffusion of knowledge among men." From the income of the fund a building, known as the Smithsonian building, was erected in Washington, D. C., on land given by the United States. The institution is legally an establishment having as its members the president and vice-president of the United States, the chief justice and the president's cabinet. It is governed by a board of regents consisting of the vice-president, the chief justice, three members of the United States senate, three members of the house of representatives and six citizens appointed by joint resolution of congress. It is under the immediate direction of the secretary of the Smithsonian institution, who is the executive officer of the board and the director of the institution's activities. The institution aids investigators by making grants for research and exploration, providing for lectures, initiating scientific projects and publishing scientific papers. It has administrative charge of the national museum, the national gallery of art, the international exchange service, the national zoological park, the astrophysical observatory and the regional bureau for the international catalogue of scientific literature. The institution's original endowment of $541,000 has been increased by gifts and accumulated interest to $987,000, yielding an annual income of $58,375. The secretary of the institution is Charles D. Walcott.

ROMAN AND ARABIC NUMERALS.

I	1	V	5	IX	9
II	2	VI	6	X	10
III	3	VII	7	L	50
IV	4	VIII	8	C	100

D	500
M	1000
MCMX	1910

THE PANAMA CANAL.

CANAL STATISTICS (OFFICIAL).

Length from deep water to deep water—50.5 miles.
Length on land—40.5 miles.
Length at summit level—31.7 miles.
Bottom width of channel—Maximum, 1,000 feet; minimum (in Culebra cut), 300 feet.
Depth—Minimum, 41 feet; maximum, 45 feet.
Summit level—85 feet above mean tide.
Locks in pairs—12.
Locks, usable length—1,000 feet.
Locks, usable width—110 feet.
Gatun lake, area—164 square miles.
Gatun lake, channel depth—85 to 45 feet.
Concrete required—5,000,000 cubic yards.
Time of transit through canal—10 to 12 hours.
Time of passage through locks—3 hours.
Length of relocated Panama railroad—46.2 miles.
Canal zone, area—About 448 square miles.
Canal zone area owned by United States—About 322 square miles.
French buildings acquired—2,150.
French buildings used—1,537.
Value of utilized French equipment—$1,000,000.
Canal force, average at work—About 39,000.
Estimated total cost of canal—$375,000,000.
Work begun by Americans—May 4, 1904.
Length of canal in use in August, 1910—10.5 miles.
Probable date of completion—Jan. 1, 1915.

CANAL COMMISSION.

Lieut.-Col. George W. Goethals, U. S. A., chairman and chief engineer.
Lieut.-Col. David Du B. Gaillard, U. S. A., corps of engineers.
Lieut.-Col. William L. Sibert, U. S. A., corps of engineers.
Col. William C. Gorgas, U. S. A., medical department.
Harry H. Rousseau, U. S. N., civil engineer.
Lieut.-Col. H. F. Hodges, U. S. A.
Maurice H. Thatcher, civilian.
Headquarters of commission in Panama.

As chairman, Lieut.-Col. Goethals receives a salary of $15,000 annually. Lieut.-Cols. Gaillard and Sibert and Civil Engineer Rousseau $14,000 each and Dr. Gorgas, Col. Hodges and Mr. Thatcher $10,000 each.

CIVIL ADMINISTRATION.

Head of Department—Maurice H. Thatcher, Ancon.
Chief Clerk—G. A. Ninas, Ancon.

CANAL ZONE JUDICIARY.

Chief Justice Supreme Court—H. A. Gudger.
Associate Justice—Wesley M. Owen, Ancon.
Associate Justice—Lorin C. Collins, Empire.

The salary of the chief justice is $6,500 a year and of the associate justices $6,000 each.

SANITATION.

Chief—Col. W. C. Gorgas.
Assistant—Lieut.-Col. John L. Phillips.
General Inspector—Maj. Robert E. Noble.

CHRONOLOGY.

First exploration of route, 1527.
Advocated by Humboldt 1803.
Panama railroad built 1850-1855.
Panama Canal company formed by De Lesseps 1879.
Work on canal begun Feb. 24, 1881.
Canal company failed Dec. 11, 1888.
De Lesseps and others sentenced to prison for fraud Feb. 9, 1893.
New French canal company formed October, 1894.
De Lesseps died Dec. 7, 1894.
Hay-Pauncefote treaty superseding the Clayton-Bulwer treaty signed Nov. 18, 1901; ratified by senate Dec. 16; ratified by Great Britain Jan. 20, 1902.
Canal property offered to the United States for $40,000,000 Jan. 9, 1902; accepted Feb. 16, 1903.
Bill authorizing construction of canal passed by house of representatives Jan. 9, 1902; passed by senate June 19, 1902; approved June 28, 1902.
Canal treaty with Colombia signed Jan. 22, 1903; ratified by senate March 17, 1903; rejected by Colombia Aug. 12, 1903.
Revolution in Panama Nov. 3, 1903.
Canal treaty with Panama negotiated Nov. 18, 1903; ratified by republic of Panama Dec. 2, 1903; ratified by United States senate Feb. 23, 1904.
Canal commissioners appointed Feb. 29, 1904.
Papers transferring canal to the United States signed in Paris April 22, 1904.
Bill for government of canal zone passed by the senate April 15, 1904; passed by the house April 21; approved April 26.
Canal property at Panama formally turned over to the United States commissioners May 4, 1904.
President outlines rules for the government of the canal zone and war department takes charge of the work May 9, 1904.
Gen. George W. Davis appointed first governor of canal zone May 9, 1904.
John F. Wallace appointed chief engineer May 10, 1904; resigned June 29, 1905.
Republic of Panama paid $10,000,000 May 21, 1904.
First payment on $40,000,000 to French canal company made May 24, 1904.
Lorin C. Collins appointed Supreme court judge for canal zone June 17, 1905.
New commission with Theodore P. Shonts as chairman named April 3, 1905; Shonts resigned March 4, 1907.
John F. Stevens appointed chief engineer June 29, 1905; resigned Feb. 26, 1907.
Lieut.-Col. George W. Goethals appointed chief engineer Feb. 26, 1907.

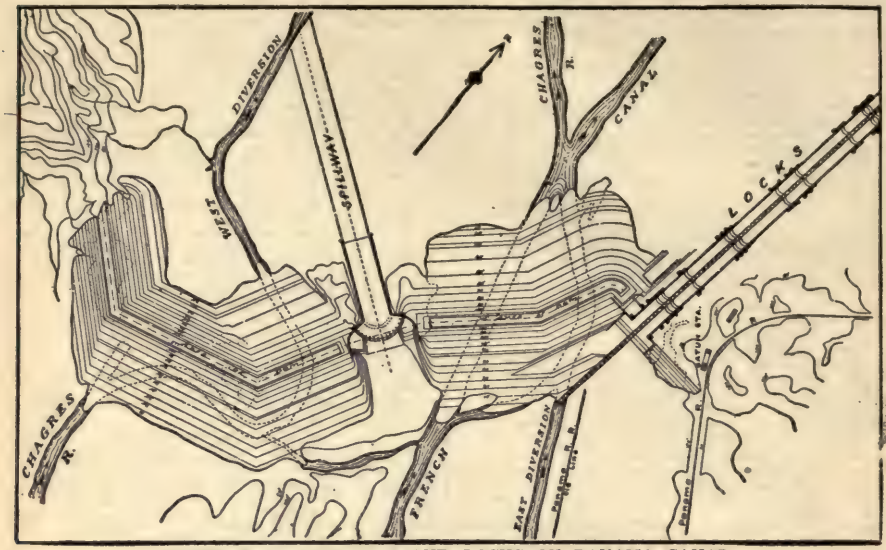
PLAN OF THE CANAL.

The entire length of the Panama canal from deep water in the Atlantic to deep water in the Pacific is 50.5 miles. Its length on land is 40.5 miles. In passing through the canal from the Atlantic to the Pacific, a vessel will enter a channel with a bottom width of 500 feet in Limon bay and follow this for about seven miles to Gatun, where it will enter a series of three locks in flight and be lifted eighty-five feet to the level of the Gatun lake. It will sail at full ocean speed through this lake, in a channel varying from 1,000 to 500 feet in width, for a distance of about twenty-four miles, to Bas Obispo, where it will enter the Culebra cut. It will sail through the cut, a distance of about nine miles, in a channel with a bottom width of 300 feet, to Pedro Miguel. There it will enter a lock and be lowered 30½ feet, to a small lake at an elevation of 54½ feet above sea level, and will sail through this for about 1½ miles to Miraflores. There it will enter two locks in series and be lowered to sea level, passing out into the Pacific through a channel 8½ miles in length, with a bottom width of 500 feet. The depth of the approach channel on the Atlantic side, where the tidal oscillation does not exceed 1½ feet, will be 41 feet at mean tide, and on the Pacific side, where the maximum oscillation is 23 feet, the depth will be 45 feet at mean tide.

GATUN DAM.

The Gatun dam, which will form Gatun lake by impounding the waters of the Chagres river and other streams, will be nearly 1½ miles long, measured on its crest, nearly half a mile wide at its base, about 400 feet wide at the water surface, about 100 feet wide at the top, and its crest, as planned, will be at an elevation of 115 feet above mean sea level, or 30 feet above the normal level of the lake. The interior of the dam will be formed of a natural mixture of sand and clay, dredged by hydraulic process from pits above and below the dam, and placed between two large masses of rock and miscellaneous material, obtained from steam-shovel excavation at various points along the canal. The top and up-stream slope will be riprapped. The spillway is a concrete lined opening, 1,200 feet long and 300 feet wide, cut through a hill of rock nearly in the center of the dam, the bottom of the opening being ten feet above sea level. During the construction of the dam, all the waters discharged from the Chagres river and its tributaries will flow through this opening. When the lake is formed, the spillway will be closed with a concrete dam, fitted with gates and machinery for regulating the water level of the lake.

The water level of Gatun lake, extending through the Culebra cut, will be maintained at the south end by an earth dam connecting the locks at Pedro Miguel with the high ground to the west-



GATUN DAM, SPILLWAY AND LOCKS ON PANAMA CANAL.

ward, about 1,700 feet long, with its crest at an elevation of 105 feet above mean tide. A small lake between the locks at Pedro Miguel and Miraflores will be formed by dams connecting the walls of Miraflores locks with the high ground on either side. The dam to the westward will be of earth, about 2,700 feet long, having its crest about 15 feet above the water in Miraflores lake. The east dam will be of concrete, about 500 feet long, and will form a spillway for Miraflores lake, with crest gates similar to those at the spillway of the Gatun dam.

GATUN LAKE.

Gatun lake will cover an area of 164 square miles, with a depth in the ship channel varying from 85 to 45 feet. Throughout the first 16 miles from Gatun the width of the channel will be 1,000 feet; then for 4 miles it will be 800 feet and for 4 miles more, 500 feet, when the entrance to Culebra cut, at Bas Obispo, will be reached. The watel level in the cut will be that of the lake and the bottom width of the channel will be 300 feet.

CANAL ZONE.

The canal zone contains about 448 square miles. It begins at a point three marine miles from mean low-water mark in each ocean and extends for five miles on each side of the center line of the route of the canal. It includes the group of islands in the Bay of Panama named Perico, Naos, Culebra and Flamenco. The cities of Panama and Colon are excluded from the zone, but the United States has the right to enforce sanitary ordinances and maintain public order there in case the republic of Panama should not be able to do so. Of the 448 square miles in the zone the United States owns 322 and private persons 126. The private property may, however, be acquired at any time by the United States by purchase or by the exercise of the right of eminent domain.

THE LOCKS.

There will be twelve locks in the canal, all in duplicate; three pairs in flight at Gatun, with a combined lift of 85 feet; one pair at Pedro Miguel, with a lift of 30½ feet, and two pairs at Miraflores, with a combined lift of 54⅞ feet at mean tide. The dimensions of all are the same—a usable length of 1,000 feet and a usable width of 110 feet. Each lock will be a chamber, with walls and floors of concrete and water-tight gates at each end.

The side walls will be 45 to 50 feet wide at the surface of floor; will be perpendicular on the face and will narrow from the point 24½ feet above the floor until they are 8 feet wide at the top. The middle wall will be 60 feet wide, approximately 81 feet high, and each face will be vertical. At a point 42½ feet above the surface of the floor and 15 feet above the top of the middle culvert, this wall will divide into two parts, leaving a space down the center much like the letter "U," which will be 19 feet wide at the bottom. In this center space, which will be 44 feet wide at the top, will be a tunnel divided into three stories or galleries. The lowest gallery will be for drainage; the middle for the wires that carry the electric current to operate the gate and valve machinery, which will be installed in the center wall, and the upper will be a passageway for the operators. The lock chambers will be filled and emptied through lateral culverts in the floors, connected with main culverts, 18 feet in diameter, in the walls, the water flowing in and out by gravity.

The lock gates will be steel structures, 7 feet thick, 65 feet long and from 47 to 82 feet high. They will weigh from 300 to 600 tons each. For the entire canal 92 leaves will be required, the total weighing 57,000 tons. Intermediate gates will be used in the locks to save water and time, if desired, in locking small vessels through, the gates being so fixed as to divide the locks into chambers 600 and 400 feet long, respectively. Of the vessels navigating the high seas, 95 per cent are less than 600 feet long. In the construction of the locks it is estimated that there will be used approximately 4,500,000 cubic yards of concrete.

No vessel will be permitted to enter or pass through the locks under its own power. Electricity will be used to tow all vessels into and through the locks, and to operate all gates and valves, power being generated by water turbines from the head created by Gatun lake. The time required to pass a vessel through all the locks is estimated at three hours, one hour and a half in the three locks at Gatun and about the same time in the three locks on the Pacific side. The

time of the passage of a vessel through the entire canal is estimated as ranging from ten to twelve hours, according to the size of the ship and the rate of speed at which it can travel.

CANAL EXCAVATION TO JULY 31, 1910.

	Cu. yds.
By French companies	78,146,960
French excavation useful to canal	29,908,000
By Americans—	
Dry excavation	70,178,614
Dredges	42,956,592
Total	113,135,206
May 4 to Dec. 31, 1904	243,472
Jan. 1 to Dec. 31, 1905	1,799,227
Jan. 1 to Dec. 31, 1906	4,948,497
Jan. 1 to Dec. 31, 1907	15,765,290
Jan. 1 to Dec. 31, 1908	37,116,735
Jan. 1 to Dec. 31, 1909	35,096,166
Jan. 1 to July 31, 1910	18,165,819

The gold force is made up of the officials, clerical force, construction men and skilled artisans of the isthmian canal commission and the Panama railroad. Practically all are Americans. The silver force represents the unskilled laborers of the commission and the railroad. Of these about 5,000 are Europeans, mainly Spaniards, with a few Italians and other races. The remainder—some 20,000—are West Indians, about 4,000 of whom are employed as artisans receiving 16, 20 and 25 cents, and a small number 32 and 40 cents, an hour. The standard rate of the West Indian laborer is 10 cents an hour, but a few doing special work are paid 16 and 20 cents. The larger part of the Spaniards are paid 20 cents an hour.

SUBSISTENCE DEPARTMENT.

The subsistence department is divided into two branches—commissary and hotel. It does about $7,000,000 worth of business a year. It feeds, clothes and provides with necessities approximately 50,000 persons. The department is self-sustaining. It has thirteen general stores in as many canal-zone villages and three camps on the relocated line of the railroad. No goods are sold for cash, only coupons issued to employes being accepted in payment for purchases.

TOTAL BY DIVISIONS AND AMOUNT TO BE EXCAVATED.

DIVISIONS.	Amount excavated. Cubic yards.	Total.	Amount to be excavated. Cubic yards.	Total.
Atlantic—				
Dry excavation	7,162,572	26,256,405	1,110,482	17,100,940
Dredges	19,093,833		15,990,458	
Central—				
Culebra cut	50,448,876	60,135,459	33,737,848	36,989,559
All other points	9,686,583		3,251,711	
Pacific—				
Dry excavation	2,880,583	26,743,342	3,499,559	15,312,061
Dredges	23,862,759		11,812 502	
Grand totals		113,135,206		69,402,560

APPROPRIATIONS AND EXPENDITURES.

APPROPRIATIONS.	
Payment to New Panama Canal com'y.	$40,000,000.00
Payment to republic of Panama	10,000,000.00
Appropriation for 1902	10,000,000.00
Appropriation for 1906	11,000,000.00
Deficiency for 1906	5,990,786.00
Appropriation for 1907	26,456,415.08
Appropriation for 1908	27,161,367.50
Deficiency for 1908	12,178,900.00
Appropriation for 1909	29,187,000.00
Deficiency for 1909	5,458,000.00
Appropriation for 1910	33,638,000.00
Deficiency for 1910	76,000.00
Appropriation for 1911	37,855,000.00
Total	248,001,468.58

EXPENDITURES TO MARCH 1, 1910.	
Construction and engineering	63,143,128.14
Construction and engineering, plant	22,471,687.32
Sanitation	10,884,410.18
Civil administration	3,926,853.36
Panama railroad second main track	1,107,910.78
Panama railroad relocated line	4,354,137.56
Purchase and repair of steamers	2,555,009.17
Zone water works and sewers	3,270,248.92
Zone roadways	1,429,752.65
Loans to Panama Railroad company	3,718,567.03
Construction and repair of buildings	9,574,865.12
Miscellaneous	3,960,658.21
Total	130,397,228.44

There have been expended for pavements, water works, sewers, etc., in the cities of Panama and Colon about $2,500,000, and work under an additional appropriation of $800,000 was in progress in these cities in 1910, making $3,300,000 in all. This sum will be returned to the United States treasury by water rates collected by the United States for a period of fifty years.

CANAL FORCE.

On March 23, 1910, the total force of the isthmian canal commission and Panama railroad company actually at work was 38,732, divided as follows:

	Gold.	Silver.	Total.
Isthmian canal commission	4,499	26,217	30,716
Panama railroad, proper	557	3,336	3,893
Panama railroad relocation	158	3,000	3,158
Panama railroad commissary	215	750	965
Total	5,429	33,303	38,732

PART OF CANAL COMPLETED.

In August 5½ miles of the canal at the Atlantic entrance were opened to navigation for the sand and rock fleet of the Atlantic division. This section, added to the five miles at the Pacific entrance open to vessels of all kinds, made the total of the canal in use 10½ miles.

PANAMA RAILROAD.

The Panama railroad and the steamships run in connection with it between New York and Colon are owned and operated by the United States government. When the canal was purchased from the new French canal company the railroad and steamship property was included among the assets. It practically parallels the route of the canal nearly the whole distance. Since it was acquired by the Americans the line has been almost completely relocated to correspond with changes in the route and plan of the canal. It is 46½ miles long and runs between the cities of Colon and Panama.

ROMAN AND GREEK GODS AND GODDESSES.

Roman.	Greek.	Divinity of.
Apollo	Apollon	The sun.
Aurora	Eos	The dawn.
Eolus	Eolus	The winds.
Bacchus	Dyonysus	Wine.
Bellona	Enyo	War.
Ceres	Demeter	Harvest.
Cupid	Eros	Love.
Cybele	Rhea	Nature.
Diana	Artemis	The chase.
Juno	Hera	Heaven.
Jupiter	Zeus	Heaven.
Mars	Ares	War.
Mercury	Hermes	Commerce.
Minerva	Athena	Wisdom.
Neptune	Poseidon	Sea.
Pluto	Hades	Lower world.
Saturn	Kronos	Agriculture.
Venus	Aphrodite	Love.
Vesta	Hestia	Purity.
Vulcan	Hephestus	Fire.

CHRONOLOGICAL SURVEY OF PEACE MOVEMENTS.

Compiled by Charles E. Beals, field secretary of the American Peace society.

New York Peace society, organized 1815, first in the world.

Many state societies organized in quick succession.

A national organization, the American Peace society, formed in 1828, in which the state societies merged themselves.

Peace movement spread rapidly until the time of the Crimean war, American civil war, etc.

Great peace jubilees held throughout the country in 1871.

International Law association organized, 1873.

Interparliamentary union formed, 1889.

International peace bureau established in Berne, 1891.

First Lake Mohonk arbitration conference, 1895.

American Society of International Law organized, 1906.

Intercollegiate Peace association, 1905.

Association for International Conciliation, 1907.

Peace day, 18th of May (Hague day).

Peace Sunday, the Sunday before Christmas.

American Society for the Judicial Settlement of International Disputes, 1910.

INTERNATIONAL PEACE CONGRESSES.

First series: 1, London, 1843; 2, Brussels, 1848; 3, Paris, 1849; 4, Frankfort, 1850; 5, London, 1851; 6, Edinburgh, 1853.

Second series: 1, Paris, 1889; 2, London, 1890; 3, Rome, 1891; 4, Berne, 1892; 5, Chicago, 1893; 6, Antwerp, 1894; 7, Budapest, 1896; 8, Hamburg, 1897; 9, Paris, 1900; 10, Glasgow, 1901; 11, Monaco, 1902; 12, Rouen, 1903; 13, Boston, 1904; 14, Lucerne, 1905; 15, Milan, 1906; 16, Munich, 1907; 17, London, 1908.

NATIONAL PEACE CONGRESSES IN THE UNITED STATES.

First: New York in 1907.

Second: Chicago in 1909.

INTERGOVERNMENTAL PEACEMAKING.

Joint disarmament by Great Britain and United States along Canadian border, 1817 to present time.

Central American High Court of Nations established.

Pan-American congress, 1889, led to establishment of International Bureau of American Republics, 1890.

Pacific settlement of over 600 international disputes.

The statue of The Christ of the Andes, commemorating joint disarmament of Chile and Argentina, erected, 1904.

Many international bureaus (e. g. the Universal Postal union) already in actual operation, 1909.

Over eighty arbitration treaties now in effect, 1909.

HAGUE PEACE CONFERENCES.

First Hague conference, May 18, 1899, of twenty-six nations.

Second Hague conference, June 15, 1907, of forty-four nations.

Third Hague conference, to be held about 1915.

THE HAGUE COURT OF ARBITRATION.

The permanent court of arbitration at The Hague, instituted July 29, 1899, consists of from one to four representatives of the governments participating in The Hague peace conference of 1899 or signing the convention providing for the court. The members of the court from the greater powers are as follows:

France—Leon Bourgeois, A. Decrais, Baron D'Estournelles de Constant, Louis Renault.

Germany—E. F. Sieveking, Herr Kriege, Herr von Matitz, Herr von Bar.

Great Britain—Sir Edward Fry, Viscount Selby, Sir E. Satow, Sir Charles Fitzpatrick.

Italy—Jean B. P. Guarnaschelli, Auguste Pierantoni, Guido Fusinato, Angelo Majorana.

Japan—Itchiro Motono, Henry Willard Denison.

United States—Melville W. Fuller, John W. Griggs, George Gray, Oscar S. Straus.

Secretary—Gen.-Baron Michaels van Derduynen.

April 24, 1903, Andrew Carnegie gave to the government of the Netherlands the sum of $1,500,000, to be used in the construction of a "palace of peace" at The Hague. The corner stone of this structure was laid July 30, 1907, at Zorgvliet in the wooded park stretching from The Hague to Scheveningen.

TROOPS ENGAGED IN UNITED STATES WARS.

Military and naval forces employed by the government since 1775.

War.	Date.	Total.
Revolution	1775-83	309,791
Northwestern Indian	1790-95	8,983
France	1798-1800	4,593
Tripoli	1801-05	3,330
Indian (Harrison)	1811-13	910
War of 1812	1812-15	576,622
Creek Indian	1813-14	13,781
Seminole	1817-18	6,911
Winnebago (Wis.)	1827	1,416
Sac and Fox (Ill.)	1831	.....
Black Hawk	1832	6,465
Cherokee removal	1833-39	9,494
Seminole (Fla.)	1835-42	41,122
Sabine Indian	1836-37	4,429
Creek (Ala.)	1836-37	13,418
"Patriot" (frontier)	1838-39	1,500
Seminole (Fla.)	1842-58	.....
Mexico	1846-48	112,230
Cayuse Indian (Ore.)	1848	1,116
Texas Indian	1849-56	4,243
Apache (Utah)	1849-55	2,561
California Indian	1849-55	265
Utah Indian	1851-53	549
Oregon, Washington Indian	1851-56	5,145
Comanche	1854	503
Seminole	1855-58	2,687
Civil war	1861-66	2,778,304
Spanish-American	1898-99	312,523
Philippine	1899-1902	140,038
Pekin (China) expedition	1900-01	6,913
Total		4,371,839

The total in this table includes re-enlistments. The total number of individuals is estimated at 3,304,993, of whom 2,213,363 served in the civil war.

THE MONROE DOCTRINE.

The "Monroe doctrine" was enunciated by President Monroe in his message to congress Dec. 2, 1823. Referring to steps taken to arrange the respective rights of Russia, Great Britain and the United States on the northwest coast of this continent, the president went on to say:

"In the discussions to which this interest has given rise, and in the arrangements by which they may terminate, the occasion has been deemed proper for asserting, as a principle in which the rights and interests of the United States are involved, that the American continents, by the free and independent condition which they have assumed and maintain, are henceforth not to be considered as subjects for future colonization by any European power. * * * We owe it, therefore, to candor and to the amicable relations existing between the United States and those powers to declare that we should consider any attempt on their part to extend their system to any portion of this hemisphere as dangerous to our peace and safety. With the existing colonies or dependencies of any European power we have not interfered and shall not interfere. But with the governments who have declared their independence and maintain it, and whose independence we have, on great consideration and on just principles, acknowledged, we could not view any interposition for the purpose of oppressing them or controlling in any other manner their destiny by any European power in any other light than as the manifestation of an unfriendly disposition toward the United States."

DEATH OF EDWARD VII. AND ACCESSION OF GEORGE V.

Edward VII., king of Great Britain and Ireland and emperor of India, died in Buckingham palace, London, at 11:45 p. m., Friday, May 6, 1910. The immediate cause of his death was heart failure following an attack of bronchitis. He had for some years suffered from emphysema, with an attendant bronchial catarrh and with digestive disturbances, which undermined his naturally strong constitution. The political crisis in the kingdom brought on by the dispute between the house of commons and the house of lords over the budget also gave him much anxiety and probably affected his health to some degree. To obtain relief he went to Biarritz early in March, but while there had a severe bronchitic attack. Recovering from this he returned to London April 27 and resumed his regular duties.

Saturday, April 30, he felt a little unwell and went to Sandringham. Sunday he attended church, but in the afternoon spent some time in the open air and contracted a slight chill. Monday he returned to London, and though feeling out of sorts kept a dinner engagement. Tuesday and Wednesday he continued at work in spite of the admonitions of his medical advisers, receiving official visitors and giving audiences. He suffered from coughing and difficulty in breathing, especially at night. The physicians, Drs. Francis Henry Laking, James Reid and R. Douglas Powell, recognized the gravity of his condition and Queen Alexandra, who was on the continent, was sent for. She arrived on the afternoon of Thursday, and the fact that the king did not meet her at the railway station as usual was the first indication to the public that his illness was serious. Even on that day his majesty continued to transact public business, though he was confined to his room. Thursday evening the physicians with his consent issued the following bulletin:

"The king is suffering from an attack of bronchitis and has been confined to his room for two days. His majesty's condition causes some anxiety."

In the early hours of Friday morning, May 6, the king had several severe attacks of dyspnœa, and when the physicians visited him they found that the gravity of the symptoms had increased. They issued a bulletin at 11 a. m., stating, "The king has passed a comparatively quiet night, but the symptoms have not improved and his majesty's condition gives rise to grave anxiety." The king rose in the morning and dressed, but spent most of the time seated in his chair. At noon his condition grew worse and he had several fainting spells. He had retained full control of his senses until then, and in reply to some suggestion said: "No, I shall not give in; I shall go on; I shall work to the end." These were his last conscious words.

Oxygen was freely administered, but without avail. His periods of unconsciousness became more prolonged, and at 6 p. m. the physicians issued the following bulletin:

"The king's symptoms have become worse during the day and his majesty's condition is now critical."

Late in the evening he was put to bed, having been permitted to remain seated in his chair to ease his breathing. He did not regain consciousness, and at 11:45 p. m. the end came after a prolonged period of perfect calm. The news of the king's death was told to the world in the following bulletin, signed by the physicians already named and also by Dr. Bertrand Dawson:

"His majesty the king breathed his last at 11:45 to-night in the presence of her majesty Queen Alexandra, the prince and princess of Wales, the princess royal (duchess of Fife), the Princess Victoria, and the Princess Louise (duchess of Argyll)."

Mourning for the king was heartfelt and general, not only throughout the great empire over which he had reigned for nearly a decade, but in all parts of the civilized world, where it was felt that in his death the cause of international peace had lost one of its most powerful and earnest advocates. Messages of sympathy and condolence were received by Queen Alexandra and the royal family from the rulers and presidents of all nations, including one from President Taft of the United States. The latter appointed Former President Roosevelt, then in Europe, to attend the funeral as the special representative of the United States.

Wednesday, May 18, the body of King Edward was removed with simple but impressive ceremonies from Buckingham palace to Westminster hall, where it lay in state. It was viewed by hundreds of thousands, who passed the coffin in an unbroken stream until the doors were finally closed. Friday, May 20, the body was taken to Paddington station and thence conveyed to Windsor, where the funeral services were conducted by the archbishop of Canterbury in St. George's chapel. Later the royal remains were entombed in the Albert Memorial chapel.

The tribute paid to the dead king on the day of the funeral in London was perhaps the most remarkable in the history of England. In the procession from Westminster hall to the railway station the rulers of nine European nations, members of all the leading royal families, diplomats, military and naval leaders and many other distinguished persons followed the gun carriage on which the coffin rested. The three miles of streets through which the cortege moved, between solid lines of red-coated soldiers, standing with rifles reversed and the regimental colors dipped to the ground, were thronged with such a mass of silent, somberly clad people as had seldom if ever before been seen in London.

CHRONOLOGY.

Following is a brief chronology of the life of King Edward VII.:

Born Nov. 9, 1841.
Visited United States, 1860.
Married to Princess Alexandra March 10, 1863.
Visited India, 1875-1876.
Succeeded to the throne Jan. 22, 1901.
Crowned Aug. 9, 1902.
Died May 6, 1910.

ACCESSION OF GEORGE V.

George Frederick, prince of Wales, succeeded to the throne immediately upon the death of his father, Edward VII. He assumed the title of George V. In accordance with an old custom his first official act was to send to the lord mayor of London a telegram announcing King Edward's death.

Saturday, May 7, at 4 o'clock in the afternoon, George V. took the oath and was formally declared king of Great Britain and Ireland and emperor of India, the ceremony taking place in the throne-room of St. James' palace in the presence of the privy council, under the presidency of the earl of Crewe. Following custom, the members of the council were first formally notified of the death of King Edward VII. and of the accession of George V. A committee then informed his majesty of what had been done, whereupon he entered the council chamber and made an address, in which he spoke of the death of his father and declared that to endeavor to follow in King Edward's footsteps and at the same time to uphold the constitutional government of the realm would be the earnest object of his life. The proclamation of his majesty's accession was signed by Prince Christian and all the other privy councilors present and by the lord mayor and the representatives of the city. His majesty took the usual oath for the security of the church of Scotland, and the councilors were all resworn. The king then received the councilors, who kissed hands on being presented, and the ceremony came to an end.

Monday, May 9, the medieval ceremony of proclaiming the accession of the new king by heralds and pursuivants in the various centers of London took place. The first proclamation was made in Friary court at St. James' palace at 9 o'clock in the morning and was witnessed from one of the windows by the new king and queen and also by their children. In the quadrangle of the court were a guard of honor of the 1st life guards, members of the army headquarters staff in full uniform and a large concourse of spectators. At

the appointed time the officials of the College of Arms stepped through an open window on to the terrace on the western side of the court. The duke of Norfolk was earl marshal; Sir Alfred Scott-Gatty, garter king of arms; W. H. Weldon, norroy king of arms; W. A. Lindsay, Windsor herald, and H. F. Burke, Somerset herald. The four pursuivants, Rouge Dragon, Portcullis, Rouge Croix and Blue Mantle, were E. Green, Joseph Watkin, A. Cochrane and G. W. Wollaston. As they took their places on the center of the balcony the two mace bearers and the royal trumpeters stood to the right and left. After the trumpeters had sounded a fanfare the earl marshal and the garter king of arms advanced and the latter read the proclamation:

"That the high and mighty prince, George Frederick Ernest Albert, is now, by the death of our late sovereign of happy memory, become our only lawful and rightful liege lord George V., by the grace of God king of the united kingdom of Great Britain and Ireland and of the British dominions beyond the seas, defender of the faith, emperor of India, to whom we do acknowledge all faith and constant obedience, with all hearty and humble affection, beseeching God, by whom kings and queens do reign, to bless the royal Prince George V. with long and happy years to reign over us."

As Sir Alfred Scott-Gatty finished the reading he and the earl marshal raised their hats and the former called out loudly, "God save the king!" A royal salute was fired, the royal standard was raised above Marlborough house and the band played the national anthem, the spectators joining in and singing the words. Similar ceremonies, though less elaborate, took place at Charing Cross, Temple Bar and the Royal exchange. The proclamation was read on the same day in various places throughout the whole empire.

CHRONOLOGY.

Born June 3, 1865.
Became heir-presumptive, 1892.
Married Princess Mary of Teck, 1893.
Opened Australian parliament, May 9, 1901.
Made prince of Wales, 1901.
Appointed vice-admiral, 1903.
Visited India, 1905.
Succeeded to throne, May 6, 1910.
Date fixed for coronation, June 22, 1911.

CHRONOLOGY OF RECENT WARS.

SPANISH-AMERICAN WAR, 1898.

Maine blown up	Feb. 15
Diplomatic relations broken	April 21
Cuban blockade declared	April 22
War declared by Spain	April 24
War declared by United States	April 25
Dewey's victory at Manila	May 1
Hobson's Merrimac exploit	June 3
U. S. army corps lands in Cuba	June 21
Battle at El Caney and San Juan	July 1
Cervera's fleet destroyed	July 3
Santiago de Cuba surrenders	July 17
Peace protocol signed	Aug. 12
Surrender of Manila	Aug. 13
Peace treaty signed in Paris	Dec. 12

PHILIPPINE WAR, 1899 1902.

Hostilities begun	Feb. 4, 1899
Battles around Manila	Feb. 4-7, 1899
Battle at Pasig	March 13, 1899
Santa Cruz captured	April 25, 1899
San Fernando captured	May 5, 1899
Battle of Bacoor	June 13, 1899
Battle of Imus	June 16, 1899
Battle of Colamba	July 26, 1899
Battle of Calulut	Aug. 2, 1899
Battle at Angeles	Aug. 16, 1899
Maj. John A. Logan killed	Nov. 11, 1899
Gen. Gregorio del Pilar killed	Dec. 10, 1899
Gen. Lawton killed	Dec. 19, 1899
Taft commission appointed	Feb. 25, 1900
Aguinaldo captured	March 23, 1901
End of the war	April 30, 1902
Military governorship ended	July 4, 1902

ANGLO-BOER WAR, 1899-1902.

Boers declare war	Oct. 10, 1899
Boers invade Natal	Oct. 12, 1899
Battle of Glencoe	Oct. 20, 1899
Battle of Magersfontein	Dec. 10, 1899
Battle of Colesburg	Dec. 31, 1899
Spion Kop battles	Jan. 23-25, 1900
Kimberley relieved	Feb. 15, 1900
Gen. Cronje surrenders	Feb. 27, 1900
Ladysmith relieved	March 1, 1900
Mafeking relieved	May 17, 1900
Johannesburg captured	May 30, 1900
Orange Free State annexed	May 30, 1900
Pretoria captured	June 4, 1900
South African Republic annexed	Sept. 1, 1900
Gen. Methuen captured	March 7, 1902
Treaty of peace signed	May 31, 1902

RUSSO-JAPANESE WAR, 1904-1905.

Hostilities begun by Japan	Feb. 8, 1904
War declared	Feb. 10, 1904
Petropavlovsk sunk	April 13, 1904
Battle of the Yalu	May 1, 1904
Battle ship Hatsuse sunk	May 15, 1904
Cruiser Yoshino sunk	May 15, 1904
Nanshan hill battles	May 21-27, 1904
Dalny captured	May 30, 1904
Vafangow battle	June 14, 1904
Kaiping captured	July 8, 1904
Port Arthur invested	July 20-31, 1904
Newchwang evacuated	July 25, 1904
Haicheng evacuated	Aug. 3, 1904
Port Arthur naval battle	Aug. 10, 1904
Battle of Liaoyang	Aug. 26-Sept. 4, 1904
Battle of Sha river	Oct. 12-19, 1904
Dogger bank affair	Oct. 22, 1904
203 Meter hill captured	Nov. 30, 1904
North Keekwan captured	Dec. 18, 1904
Ehrlungshan captured	Dec. 25, 1904
Sungshushan captured	Dec. 31, 1904
Port Arthur surrendered	Jan. 1-2, 1905
Battle of Heikoutai	Jan. 27-Feb. 4, 1905
Battle of Mukden	Feb. 24-March 12, 1905
Battle of Sea of Japan	May 27-28, 1905
Roosevelt peace proposal	June 7, 1905
Sakhalin captured	July 31, 1905
Portsmouth peace conference	Aug. 9-29, 1905
Peace treaty signed	Sept 5, 1905

DEATH OF BJORNSTJERNE BJORNSON.

Bjornstjerne Bjornson, the Norwegian novelist, poet, dramatist, orator and advocate of universal peace, died in Paris, France, April 26, 1910, after an illness extending over more than a year. He was brought to Paris in November, 1909, to be treated for arterio-sclerosis, from which he was suffering, but failed to receive any permanent benefit. In February, 1910, he seemed to be at death's door, but rallied and passed the crisis for the time being. His body was brought to Norway on the cruiser Norge and the funeral took place in Christiania May 3. Bjornson was 77 years old at the time of his death.

THE DRAGO DOCTRINE.

When in the winter of 1902-03 Germany, Britain and Italy blockaded the ports of Venezuela in attempt to make the latter country settle up its debts Dr. L. F. Drago, a noted jurist of Argentina, maintained that force cannot be used by one power to collect money owing to its citizens by another power. Prominence was given to the contention by the fact that it was officially upheld by Argentina and favored by other South American republics. The principle embodied has become generally known as the "Drago doctrine."

ARBITRATION OF FISHERIES DISPUTE.

The historic Atlantic fisheries controversy, which for 130 years had been a source of annoyance to the United States and Great Britain, was submitted to the international court of arbitration at The Hague, June 1, 1910, and the decision announced Sept. 7 following. The dispute arose chiefly over the interpretation of the treaty between the two countries in 1818, but its earliest origins dated back to conditions created by the treaty of 1783. The clause in the treaty of 1818, which caused the greater part of the trouble, was as follows:

"That the inhabitants of the United States shall have forever, in common with the subjects of his Britannic majesty, the liberty to take fish of every kind on that part of the southern coast of Newfoundland extending from Cape Ray to the Ramea islands, on the western and northern coast from Cape Ray to the Quirpon islands, on the shores of the Magdalen islands and also on the coasts, bays, harbors and creeks from Mount Joli on the southern coast of Labrador to and through the straits of Belleisle, and thence northwardly indefinitely along the coast, without prejudice, however, to any of the exclusive rights of the Hudson's Bay company."

In return for these privileges the United States renounced forever the right to fish within three marine miles of the coasts of British North America not included within the above. The main source of trouble was the difference of opinion as to the right of Americans to obtain supplies of the bait fishes—herring, capelin and squid—in the coast waters of Newfoundland, where alone they are to be had. This right was denied by Newfoundland. Great Britain and Canada became involved in the dispute and it was finally decided in January, 1909, to submit the whole matter to the court of arbitration at The Hague, in accordance with the principles of the convention for the settlement of international disputes, signed by many of the powers Oct. 18, 1907.

The cause was considered by the following arbitrators: Prof. H. Lammasch of Austria, president; Dr. Luis Drago of Argentina, Jhr. M. A. F. de Savornin Lohman of Holland, Sir Charles Fitzpatrick of Great Britain and Judge George Gray of the United States.

The counsel on behalf of the United States were Chandler P. Anderson of New York, agent; Elihu Root, senator from New York; George Turner of Spokane, Wash.; Samuel J. Elder of Boston, Mass.; Dr. James Brown Scott, solicitor of the state department; Charles B. Warren of Detroit, Mich., and Robert Lansing of Watertown, N. Y.

The counsel on behalf of Great Britain were A. B. Aylesworth, minister of justice of Canada, agent; Sir William Robinson, K. C., attorney-general for England; Sir Robert Finly, K. C., former attorney-general for England; Sir H. Erle Richards, K. C., of England; John S. Ewart, K. C., of Canada; George W. Shepley, K. C., of Canada; W. N. Tilley of Canada; Sir Edward Morris, K. C., premier of Newfoundland; Sir James Winter, K. C., former attorney-general of Newfoundland, and D. Morison, K. C., attorney-general of Newfoundland.

Seven main questions were submitted for the decision of the arbitrators. The questions and findings were as follows:

1. Must any reasonable regulations made by Great Britain, Canada and Newfoundland in the form of municipal laws, ordinances or rules, necessary for the preservation of the fisheries and the maintenance of public order and morals and equitable as between local fishermen and inhabitants of the United States, be subject to the consent of the United States?

The right of Great Britain to make regulations for the preservation of the fisheries without the consent of the United States is affirmed and is declared to be inherent to the sovereign rights of Great Britain. Both parties agree that the reasonableness of the existing regulations should be submitted to an impartial commission of experts. If the United States object to any new regulation it shall not come into operation with respect to the inhabitants of the United States until a permanent mixed fishery commission has decided upon its reasonableness.

2. Have the inhabitants of the United States, while exercising the liberty to take fish on the treaty coasts, referred to in the first article of the treaty of 1818, a right to employ, as members of the fishing crews of their vessels, persons not inhabitants of the United States?

The tribunal is of opinion that the inhabitants of the United States while exercising the liberties referred to in the said article have the right to employ, as members of the fishing crews of their vessels, persons not inhabitants of the United States. But, in view of preceding considerations, the tribunal, to prevent any misunderstanding as to the effect of its award, expresses the opinion that noninhabitants employed as members of the fishing crews of United States vessels derive no benefit or immunity from the treaty.

3. Can the liberties to "take fish" and to "dry and cure fish" in the places referred to in the treaties be subjected, without the consent of the United States, to the requirement of entry or report at custom houses or the payment of light, harbor or other dues, or to any similar condition?

The tribunal decides and awards as follows: The requirement that an American fishing vessel should report, if proper conveniences for doing so are at hand, is not unreasonable. But the exercise of the fishing liberty by the inhabitants of the United States should not be subjected to the purely commercial formalities of report, entry and clearance at a custom house, nor to light, harbor or other dues not imposed upon Newfoundland fishermen.

4. Can restrictions be imposed upon American fishermen making the exercise of the privileges granted them by the treaty to enter certain bays or harbors for shelter, repairs, wood and water conditional upon the payment of light, harbor or other dues, or entering or reporting at custom houses, or any similar conditions?

It is decided and awarded that such restrictions are not permissible. It seems reasonable, however, in order that these privileges accorded by Great Britain on these grounds of hospitality and humanity should not be abused, that the American fishermen entering such bays for any of the four purposes aforesaid and remaining more than forty-eight hours therein should be required, if thought necessary by Great Britain or the colonial government, to report either in person or by telegraph at a custom house or to a customs official, if reasonably convenient opportunity therefor is afforded.

5. What is a "bay" within the meaning of the treaty?

The tribunal decides and awards: In case of bays three marine miles are to be measured from a straight line drawn across the body of water at the place where it ceases to have the configuration and characteristics of a bay. At all other places the three marine miles are to be measured following the sinuosities of the coast. Considering that the tribunal cannot overlook that this answer to question five, although correct in principle and the only one possible in view of the want of a sufficient basis for a more concrete answer, is not entirely satisfactory as to its practical applicability and that it leaves room for doubts and differences in practice; therefore, the tribunal considers it its duty to render the decision more practicable and to remove the danger of future differences by adjoining to it a recommendation in virtue of the responsibilities imposed by article IV. of the special agreement. Considering, moreover, that in treaties with France, with the North German confederation and the German empire and likewise in the North sea convention, Great Britain has adopted for similar cases the rule that only bays of ten miles width should be considered as those wherein the fishing is reserved to nationals, and that in the course of negotiations between Great Britain and the United States a similar rule has been on various occasions proposed and adopted by Great Britain in instructions to the naval officers stationed on these coasts, and that though these circumstances are not sufficient to constitute this a principle of law, it seems reasonable to propose this rule with certain exceptions, all the more that

this rule with such exceptions has already formed the basis of an agreement between the two powers.

6. Does the treaty give the inhabitants of the United States the same liberty to take fish in the bays, harbors and creeks of Newfoundland as it does in the bays, harbors and creeks of Labrador?

The tribunal is of opinion that American inhabitants are entitled to fish in the bays, creeks and harbors of the treaty coasts of Newfoundland and the Magdalen islands, and it is so decided and awarded.

7. Are the inhabitants of the United States, whose vessels resort to the treaty coasts for the purpose of exercising the liberties referred to in article I. of the treaty, entitled to have for those vessels, when duly authorized by the United States in that behalf, the commercial privileges on the treaty coasts accorded by agreement or otherwise to United States trading vessels generally?

The tribunal is of opinion that the inhabitants of the United States are so entitled in so far as concerns this treaty, there being nothing in its provisions to disentitle them, provided the treaty liberty of fishing and the commercial privileges are not exercised concurrently, and it is so decided and awarded.

The document is signed by the five arbitrators, Dr. Drago, however, stating his dissent from the majority in respect to the findings in reply to the fifth question.

RECORD OF DECISIONS.

Decisions have been rendered by the permanent court of arbitration at The Hague as follows:

Oct. 14, 1902—In the matter of the case of the Pious fund of the Californias between the United States and Mexico.

Feb. 22, 1904—Respecting the preferential claims of the creditor nations of Venezuela under the protocols of May 7, 1903.

May 22, 1905—In the difference between France, Germany and Great Britain on the one hand and Japan on the other, respecting leases held in perpetuity.

May 22, 1909—In the matter of the Casablanca dispute between France and Germany.

Aug. 8, 1909—In the matter of the dispute between Great Britain and France, respecting the right of certain Muscat dhows to fly the French flag.

Oct. 23, 1909—Respecting the maritime boundary between Norway and Sweden.

Sept. 7, 1910—In the North Atlantic fisheries case between the United States and Great Britain.

There is pending before the same tribunal the arbitration of the differences between the United States on behalf of the Orinoco Steamship company and Venezuela under the protocol of Feb. 13, 1909.

THE SHERMAN ANTITRUST LAW.

Passed by the 51st congress and approved July 2, 1890.

Section 1. Every contract, combination in the form of trust or otherwise, or conspiracy in restraint of trade or commerce among the several states or with foreign nations is hereby declared to be illegal. Every person who shall make any such contract or engage in any such combination or conspiracy shall be deemed guilty of a misdemeanor, and, on conviction thereof, shall be punished by fine not exceeding $5,000 or by imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

Sec. 2. Every person who shall monopolize or attempt to monopolize or combine or conspire with any person or persons to monopolize any part of the trade or commerce among the several states or with foreign nations shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by fine not exceeding $5,000 or by imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

Sec. 3. Every contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce in any territory of the United States or of the District of Columbia, or in restraint of trade or commerce between any such territory and another, or between any such territory or territories and any state or states or the District of Columbia or with foreign nations, or between the District of Columbia and any state or states or foreign nations, is hereby declared illegal. Every person who shall make any such contract or engage in any such combination or conspiracy shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by fine not exceeding $5,000 or by imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

Sec. 4. The several Circuit courts of the United States are hereby invested with jurisdiction to prevent or restrain violations of this act; and it shall be the duty of the several district attorneys of the United States, in their respective districts, under the direction of the attorney-general, to institute proceedings in equity to prevent and restrain such violations. Such proceedings may be by way of petition setting forth the case and praying that such violation shall be enjoined or otherwise prohibited. When the parties complained of shall have been duly notified of such petition the court shall proceed, as soon as may be, to the hearing and determination of the case; and pending such petition and before final decree the court may at any time make such temporary restraining order or prohibition as shall be deemed just in the premises.

Sec. 5. Whenever it shall appear to the court before which any proceeding under section 4 of this act may be pending that the ends of justice require that other parties should be brought before the court, the court may cause them to be summoned, whether they reside in the district in which the court is held or not; and subpœnas to that end may be served in any district by the marshal thereof.

Sec. 6. Any property owned under any contract or by any combination or pursuant to any conspiracy (and being the subject thereof) mentioned in section 1 of this act and being in the course of transportation from one state to another or to a foreign country shall be forfeited to the United States and may be seized and condemned by like proceedings as those provided by law for the forfeiture, seizure and condemnation of property imported into the United States contrary to law.

Sec. 7. Any person who shall be injured in his business or property by any other person or corporation by reason of anything forbidden or declared unlawful by this act may sue therefor in any Circuit court of the United States in the district in which the defendant resides or is found, without respect to the amount in controversy, and shall recover threefold the damages by him sustained and the cost of suit, including a reasonable attorney's fee.

Sec. 8. That the word "person" or "persons" wherever used in this act be deemed to include corporations and associations existing under or authorized by the laws of either the United States, the laws of any of the territories, the laws of any state or the laws of any foreign country.

EXPRESS BUSINESS OF THE UNITED STATES.

[Reported by federal census bureau.]

	1907.	1890.
Number companies	34	18
Mileage operated	235,903	174,059
Mileage on railroads	216,973	160,122
Mileage on water lines	17,796	10,882
Mileage on stage lines	1,134	3,055

	1907.	1890.
Value of equipment	$9,641,443	$5,074,045
Number of employes	79,284	45,718
Expenditures	$115,033,204	$45,783,123
Receipts	$128,117,176	.....
Money orders issued	14,014,960	4,598,567

DATES OF RECENT HISTORICAL EVENTS.

Aguinaldo captured, March 23, 1901.
Alaska boundary award made, Oct. 17, 1903.
Albert I. ascended throne of Belgium Dec. 17, 1909.
Alfonso XIII. ascended throne of Spain May 17, 1902; attempted assassination of, in Paris, June 1, 1906.
Amundsen, Roald, completes northwest passage, 1906.
Anarchists pardoned by Altgeld, June 26, 1893.
Andree began arctic balloon trip, July 11, 1897.
Anglo-American arbitration treaty signed, Jan. 11, 1897.
Anglo-Boer war began, Oct. 10, 1899; ended, May 31, 1902.
Anglo-Japanese treaty signed, Jan. 30, 1902.
Armenian massacres began in 1890; culminated in 1895, 1896 and 1897.
Australian commonwealth inaugurated, Jan. 1, 1901.
Baltimore fire, Feb. 7, 1904.
Battle ship cruise, American, Dec. 16, 1907, to Feb. 22, 1909.
Bennington gunboat disaster, July 21, 1905.
Bering sea seal treaty signed, Nov. 8, 1897.
Bismarck resigned chancellorship, March 18, 1890; died, July 30, 1898.
Borda, president, assassinated, Aug. 25, 1897.
Bosnia and Herzegovina annexed by Austria, Oct. 6, 1908.
Boxer outbreak in China began, May, 1900.
Boyertown (Pa.) theater fire and panic, Jan. 13, 1908.
Brazil proclaimed a republic, Nov. 15, 1889.
Bulgaria proclaims independence, Oct. 5, 1908.
Cable, Pacific, laying of begun at San Francisco, Dec. 14, 1902.
Campanile in Venice fell, July 14, 1902.
Carlos I., king of Portugal, assassinated, Feb. 1, 1908.
Carnot, president, assassinated, June 24, 1894.
Caroline islands bought by Germany, Oct. 1, 1899.
Chelsea (Mass.) fire, April 12, 1908.
Cherry (Ill.) mine disaster, Nov. 13, 1909.
Cholera epidemic in Hamburg, Germany, August, 1892.
Christian IX., king of Denmark, died, Jan. 29, 1906.
Cleveland, Grover, died June 24, 1908.
Coal (anthracite) strike began, May 12, 1902; ended, Oct. 21, 1902.
Corinth ship canal open, Aug. 6, 1893.
Crib disaster, Chicago, Jan. 20, 1909.
Cronin murder, May 4, 1889.
Cuba under sovereignty of United States, Jan. 1, 1899.
Cuban constitution signed, Feb. 21, 1901.
Cuban-United States reciprocity treaty ratified March 19, 1903; bill to carry treaty into effect passed by congress Dec. 16, 1903.
Cuban republic inaugurated, May 20, 1902; President Palma and cabinet resigned and American control established Sept. 29, 1906; Gen. Jose Miguel Gomez elected president, Nov. 14, 1908; American control relinquished, Jan. 28, 1909.
Cuban revolt began, Feb. 24, 1895.
Czolgosz, McKinley's assassin, tried and sentenced, Sept. 24, 1901; executed, Oct. 29, 1901.
De Lesseps, Ferdinand, convicted of Panama fraud, Feb. 9, 1893.
Delhi coronation durbar began, Dec. 29, 1902.
Delyannis, Grecian premier, assassinated June 13, 1905.
Dewey's victory at Manila, May 1, 1898.
Dingley tariff bill signed, July 24, 1897.
Dom Pedro exiled from Brazil, Nov. 16, 1889.
Dreyfus, Capt., degraded and sent to Devil's island, Jan. 4, 1895; brought back to France, July 3, 1899; new trial begun, Aug. 7; found guilty, Sept. 9; pardoned, Sept. 19, 1899; restored to rank in army, July 12, 1906, by decision of Supreme court of France; decorated with cross of Legion of Honor, July 21, 1906.
Earthquake in India, April 4, 1905; in Calabria, Italy, Sept. 8, 1905, and Dec. 28, 1908. (See also San Francisco, Valparaiso, Kingston and Messina.)
Edward VII. proclaimed king, Jan. 24, 1901; crowned, Aug. 9, 1902.
Elizabeth, empress of Austria, assassinated, Sept. 10, 1898.
Emmanuel III., king of Italy, crowned, Aug. 11, 1902.
Fallieres, C. A., elected president of France, Jan. 17, 1906.
Field, Marshall, died, Jan. 16, 1906.
Formosa transferred to Japan, June 4, 1895.
Frederick VIII. succeeded to throne of Denmark, Jan. 29, 1906.
Galveston tornado, Sept. 8, 1900.
General Slocum disaster, June 15, 1904.
Gladstone resigned premiership, March 2, 1894; died, May 19, 1898.
Goebel, Gov. William, shot, Jan. 30, 1900; died, Feb. 3.
Greco-Turkish war began, April 16, 1897; ended, May 11, 1897; peace treaty signed, Sept. 18, 1897.
Harriman, E. H., died, Sept. 9, 1909.
Harrison, Benjamin, died, March 13, 1901.
Harrison, Carter, Sr., assassinated, Oct. 28, 1893.
Hawaii made a republic, July 4, 1894; annexed to United States, Aug. 12, 1898; made a territory, June 14, 1900.
Hay-Pauncefote isthmian-canal treaty signed, Nov. 18, 1901.
Homestead (Pa.) labor riot, July 6, 1892.
Hugo, Victor, centenary celebration begun in Paris, Feb. 26, 1902.
Humbert, King, assassinated, July 29, 1900.
Idaho admitted as a state, July 3, 1890.
Irish land-purchase law in force, Nov. 1, 1903.
Iroquois theater fire, Dec. 30, 1903; lives lost, 575.
Italian army routed in Abyssinia, March 1, 1896.
Italian prisoners lynched in New Orleans, March 14, 1891.
Ito, Prince, assassinated, Oct. 26, 1909.
Jameson raiders in Transvaal routed, Jan. 2, 1896.
Japan, battle of Sea of, May 27-28, 1905.
Japan declared war on China, Aug. 1, 1894; war ended, April 17, 1895.
Japan-Russia war began, Feb. 7, 1904; ended Sept. 5, 1905.
Johnstown flood, May 31, 1889.
Ketteler, Baron von, killed in Pekin, June 30, 1900.
Kingston (Jamaica) earthquake and fire, Jan. 14, 1907.
Kishinev massacre, April 20, 1903.
Koch's lymph cure announced, Nov. 17, 1890.
Kongo, Free State annexed by Belgium Aug. 20, 1908.
Kossuth, Louis, died, March 20, 1894.
Lawton, Gen. H. W., killed, Dec. 19, 1899.
Leiter wheat deal collapsed, June 13, 1898.
Leopold II., king of Belgium, died, Dec. 17, 1909.
Liliuokalani, queen of Hawaii, deposed Jan. 16, 1893.
Luiz Philippe, crown prince of Portugal, assassinated Feb. 1, 1908.
Madagascar annexed to France, Jan. 23, 1896.
Maine blown up, Feb. 15, 1898.
Marconi signals letter "S" across Atlantic, Dec. 11, 1901.
Messina destroyed by earthquake, Dec. 28, 1908.
Meyerbeer centenary celebrated in Berlin, Sept. 5, 1891.
Morocco conference began, Jan. 16, 1906.
Mukden, battle of, Feb. 24-March 12, 1905.
McKinley, President, shot by anarchist, Sept. 6, 1901; died, Sept. 14, 1901.
Nansen arctic expedition started, July 21, 1893; returned, Aug. 13, 1896.
Nicholas II. proclaimed czar of Russia, Nov. 2, 1894; crowned, May 26, 1896; attempted assassination of, Jan. 19, 1905.
Norge disaster, June 28, 1904.
North Collinwood (O.) school disaster, March 4, 1908.
North pole reached by Commander Robert E. Peary, April 6, 1909.
Norway dissolved union with Sweden, June 7, 1905.
Oklahoma and Indian territory admitted to union as state of Oklahoma, Nov. 16, 1907.
Omdurman, battle of, Sept. 4, 1898.
Oscar II., king of Sweden, died Dec. 8, 1907.
Panama canal property bought by the United States, Feb. 16, 1903.

Panama fraud trials in Paris, Jan. 10 to March 21, 1893.
Panama revolution, Nov. 3, 1903.
Pan-American congress, first, began, Oct. 2, 1889; second, Oct. 23, 1902.
Paris flood, Jan. 20-Feb. 1, 1910.
Peace conference called by czar, Aug. 24, 1898; opened at The Hague, May 18, 1899; closed, July 29, 1899; second peace conference, June 15-Oct. 18, 1907.
Pekin captured by the allies, Aug. 15, 1900.
Philippine-American war began, Feb. 4, 1899; ended, April 30, 1902.
Philippines ceded to the United States, Dec. 10, 1898.
Pope Leo XIII. died, July 20, 1903.
Pope Pius X. elected, Aug. 4, 1903.
Port Arthur captured by the Japanese from Chinese, Nov. 21, 1894; from Russians, Jan. 1, 1905.
Porto Rico ceded to the United States, Dec. 10, 1898.
Porto Rico hurricane, Aug 8, 1899.
Portugal, King Carlos and Crown Prince Luiz of, assassinated, Feb. 1, 1908.
Postage between United States and Britain reduced to 2 cents, Oct. 1, 1908.
Pretoria captured by the British, June 4, 1900.
Pullman strike began, May 11, 1894; boycott began, June 26; rioting in Chicago and vicinity, June and July; strike and boycott ended, August.
Rhodes, Cecil, died, March 26, 1902.
Roentgen ray discovery made public, Feb. 1, 1896.
Roosevelt, Theodore, became president of United States, on death of McKinley, Sept. 14, 1901; elected to same office, Nov. 8, 1904.
Russia-Japan war began, Feb. 7, 1904; ended, Sept. 5, 1905.
Salisbury, Premier, resigned, July 13, 1902; died, Aug. 22, 1903.
St. Louis cyclone, May 27, 1896.
St. Petersburg riots, Jan. 22, 1905.
St. Pierre, Martinique, destroyed, May 8, 1902.
San Francisco earthquake and fire, April 18-20, 1906.
San Juan and El Caney, battles of, July 1, 1898.
Santiago de Cuba, naval battle of, July 3, 1898.
Santiago de Cuba surrendered, July 17, 1898.
Schley inquiry ordered, July 26, 1901; began, Sept. 20; ended, Nov. 7; verdict announced, Dec. 13.
Schurz, Carl, died, May 14, 1906.
Sergius, Grand Duke, assassinated, Feb. 17, 1905.
Servia, king and queen of, assassinated, June 11, 1903.
Shah of Persia assassinated, May 1, 1896.
Simplon tunnel completed, Feb. 25, 1905.
Spanish-American war began, April 25, 1898; peace protocol signed, Aug. 12, 1898; Paris peace treaty signed, Dec. 12; peace treaty ratified, Feb. 6, 1899.
Springfield (Ill.) riots and lynchings, Aug. 14-15, 1908.
Stone, Ellen M., captured by brigands, Sept. 3, 1901; released, Feb. 23, 1902.
Taft, William H., elected president of the United States, Nov. 3, 1908.
Transvaal republic annexed to Great Britain, Sept. 1, 1900.
Turkey, sultan of, proclaimed constitution, July 24, 1908; Sultan Abdul Hamid deposed April 27, 1909.
Utah admitted as a state, Feb. 4, 1896.
Valparaiso earthquake, Aug. 16, 1906.
Venezuelan blockade by England, Germany and Italy began in first part of December, 1902; ended, Feb. 13, 1903.
Vesuvius, great eruption of, April 1-10, 1906.
Victoria, queen of England, died, Jan. 22, 1901.
Wilhelmina proclaimed queen of Holland, Aug. 31, 1898.
Windsor hotel, New York, burned, March 17, 1899.
World's Fair in Chicago opened, May 1, 1893; ended, Oct. 30, 1893.
Wyoming admitted as a state, July 10, 1890.
Yalu, battle of, Sept. 17, 1894.

CITIES GOVERNED BY COMMISSIONS.

In August, 1910, the following cities had adopted the commission plan of government:
California—Berkeley, Riverside, San Diego.
Colorado—Colorado Springs, Grand Junction.
Idaho—Boise, Lewiston.
Iowa—Burlington, Cedar Rapids, Des Moines, Keokuk, Sioux City.
Kansas—Abilene, Anthony, Coffeyville, Emporia, Hutchinson, Independence, Iola, Kansas City, Leavenworth, Marion, Newton, Parsons, Pittsbury, Topeka, Wellington, Wichita.
Massachusetts—Chelsea, Gloucester, Haverhill.
Minnesota—Mankato.
Missouri—St. Joseph.
New Mexico—Roswell.
North Carolina—Charlotte.
North Dakota—Bismarck, Mandan, Minot.
Oklahoma—Ardmore, Enid, Tulsa.
South Carolina—Columbia.
South Dakota—Chamberlain, Del Rapids, Pierre, Sioux Falls.
Tennessee—Bristol, Clarksville, Memphis, Richard City.
Texas—Austin, Beaumont, Corpus Christi, Dallas, Denison, El Paso, Fort Worth, Galveston, Greenville, Houston, Kenedy, Marshall, Orange, San Antonio, Sherman, Waco.
Washington—Tacoma.
West Virginia—Bluefield, Huntington.
Wisconsin—Eau Claire.

FOUNDATION FOR THE PROMOTION OF INDUSTRIAL PEACE.

Established in 1907.

In 1906 President Theodore Roosevelt was awarded the Alfred B. Nobel peace prize and at his suggestion an act was passed by congress March 2, 1907, establishing the Foundation for the Promotion of Industrial Peace. To this organization he turned over the money received from the Nobel committee to be used as the nucleus of a fund the income of which is to be used in promoting an annual conference in Washington between representatives of capital and of labor with a view to bringing about a better understanding between employers and employes, thus promoting industrial peace. The chief justice of the United States, the secretary of agriculture and the secretary of commerce and labor, and their successors in office, and four persons appointed by the president of the United States to represent capital, labor and the general public, are the trustees. The trustees are authorized to pay over the funds from time to time to a committee of nine members, known as "the industrial peace committee," whose duty it is to make arrangements for the conferences.

THE SAGE FOUNDATION.

March 12, 1907, Mrs. Russell Sage of New York announced that she had set aside the sum of $10,000,000 to be known as the Sage foundation and to be devoted to the improvement of the social and living conditions in the United States. As trustees she appointed Robert W. DeForest, Cleveland H. Dodge, Daniel C. Gilman, John M. Glenn, Miss Helen Gould, Mrs. William B. Rice and Miss Louise L. Schuyler.

Following is a part of the statement given out by Mrs. Sage as to the object of the gift: "I have set aside $10,000,000 for the endowment of this foundation. Its object is the improvement of social and living conditions in the United States. The means to that end will include research, publication, education, the establishment and maintenance of charitable and beneficial activities, agencies and institutions and the aid of any such activities, agencies and institutions already established."

DEATHS OF NOTED MEN AND WOMEN (1890-1909).

Aldrich, T. B., March 19, 1907.
Alexander III., Nov. 1, 1894.
Allen, Grant, Oct. 25, 1895.
Allison, W. B., Aug. 4, 1908.
Altgeld, John P., March 12, 1902.
Andrassy, Count, Jan. 30, 1900.
Anthony, Susan B., March 13, 1906.
Armour, Philip D., Jan. 6, 1901.
Arnold, Edwin, March 25, 1904.
Astor, John Jacob, Feb. 23, 1890.
Audran, Edmond, Aug. 19, 1901.
Barnum, P. T., April 7, 1891.
Bartholdi, F. A., Oct. 4, 1904.
Becquerel, A. H., Aug. 25, 1908.
Beit, Alfred, July 16, 1906.
Bellamy, Edward, May 22, 1898.
Belmont, August, Nov. 24, 1890.
Belmont, O. H. P., June 10, 1908.
Besant, Sir Walter, June 9, 1901.
Bismarck, Prince, July 30, 1898.
Black, William, Dec. 10, 1898.
Blackie, J. S., March 3, 1895.
Blaine, James G., Jan. 27, 1893.
Blavatsky, Madame, May 9, 1891.
Blouet, Paul, May 24, 1903.
Bonheur, Rosa, May 25, 1899.
Booth, Edwin, June 7, 1893.
Brahms, Johannes, April 2, 1897.
Breton, Jules A., July 5, 1906.
Bristow, Benj. H., June 22, 1896.
Brooks, Phillips, Jan. 23, 1893.
Brough, Lionel, Nov. 8, 1909.
Buck, Dudley, Oct. 6, 1909.
Bulow, Hans von, Feb. 13, 1894.
Burdett-Coutts, Baroness, Dec. 30, 1906.
Butler, Gen. B. F., Jan. 11, 1893.
Campbell-Bannerman, H., April 22, 1908.
Carlos I., Feb. 1, 1908.
Carnot, President, June 24, 1894.
Carte, D'Oyly, April 3, 1901.
Casimir-Perier, March 12, 1907.
Cervera, P., April 3, 1909.
Childs, George W., Feb. 3, 1894.
Christian IX., Jan. 29, 1906.
Cleveland, Grover, June 24, 1908.
Constant, Benjamin, May 26, 1902.
Cooke, Jay, Feb. 16, 1905.
Coppee, Francois, May 23, 1908.
Coquelin, B. C., Jan. 26, 1909.
Coquelin, E. A. H., Feb. 8, 1909.
Corbin, Austin, June 4, 1896.
Corning, Erastus, Aug. 30, 1896.
Crawford, F. M., April 9, 1909.
Croke, Archbishop, July 22, 1902.
Crook, George, March 19, 1890.
Cummings, Amos J., May 2, 1902.
Curie, Pierre, April 19, 1906.
Curtin, Jeremiah, Dec. 14, 1906.
Curtis, George W., Aug. 31, 1892.
Curzon, Lady, July 18, 1906.
Cuyler, T. L., Feb. 26, 1909.
Daly, Augustin, July 7, 1899.
Dana, Charles A., Oct. 17, 1897.
Davis, George R., Nov. 25, 1899.
Davis, Mrs. Jefferson, Oct. 16, 1906.
Davis, Winnie, Sept. 18, 1898.
Davitt, Michael, May 31, 1906.
De Martens, F., June 20, 1909.
Dingley, Nelson, Jan. 13, 1899.
Donnelly, Ignatius, Jan. 2, 1901.
Douglass, Frederick, Feb. 20, 1895.
Drachman, Holger, Jan. 15, 1908.
Drexel, Anthony J., June 30, 1893.
Drummond, Henry, March 11, 1897.
Du Maurier, George, Oct. 8, 1896.
Dumas, Alexandre, Nov. 27, 1895.
Dunbar, Paul L., Feb. 9, 1906.
Dvorak, Antonin, May 1, 1904.
Edwards, Amelia B., April 15, 1892.
Eggleston, Edward, Sept. 3, 1902.
Elizabeth, Empress, Sept. 10, 1898.
Emmett, "Fritz," June 15, 1891.
English, William H., Feb. 7, 1896.
Evarts, William M., Feb. 28, 1901.
Fair, James G., Dec. 28, 1894.
Fairchild, Lucius, May 23, 1896.
Faithfull, Emily, June 1, 1895.
Farjeon, B. L., July 23, 1903.
Faure, Felix, Feb. 16, 1899.
Fenn, G. M., Aug. 27, 1909.
Field, Cyrus W., July 12, 1892.
Field, Eugene, Nov. 4, 1895.
Field, Kate, May 18, 1896.
Field, Marshall, Jan. 16, 1906.
Field, Richard M., Nov. 11, 1902.
Field, Stephen J., April 9, 1899.
Fisk, Clinton B., July 9, 1890.
Frederick, ex-Empress, Aug. 5, 1901.
Froude, James A., Oct. 20, 1894.
Gary, Joseph E., Oct. 31, 1906.
George, Henry, Oct. 29, 1896.
Gilder, R. W., Nov. 18, 1909.
Gilmore, Patrick S., Sept. 24, 1892.
Gladstone, Wm. E., May 19, 1898.
Gladstone, Mrs. W. E., June 13, 1900.
Goode, George B., Sept. 6, 1896.
Florence, Wm. J., Nov. 19, 1891.
Flower, Roswell P., May 12, 1899.
Forbes, Archibald, March 30, 1900.
Fremont, John C., July 13, 1890.
Gould, Jay, Dec. 2, 1892.
Gounod, Charles F., Oct. 18, 1893.
Gray, Elisha, Jan. 21, 1901.
Gresham, Walter Q., May 28, 1895.
Grieg, Edward, Sept. 4, 1907.
Hale, Edward E., June 10, 1909.
Halevy, Ludovic, May 8, 1908.
Halstead, Murat, July 2, 1908.
Hamilton, Gail, Aug. 17, 1896.
Hampton, Wade, April 11, 1902.
Hanlon, Edward, Jan. 4, 1908.
Hanna, Marcus A., Feb. 15, 1904.
Harper, William R., Jan. 10, 1906.
Harriman, E. H., Sept. 9, 1909.
Harris, Joel Chandler, July 3, 1908.
Harris, William T., Nov. 5, 1909.
Harrison, Benj., March 13, 1901.
Harrison, Carter, Sr., Oct. 28, 1893.
Hatch, Rufus, Feb. 23, 1893.
Hay, John, July 1, 1905.
Hayes, Rutherford B., Jan. 17, 1893.
Hearn, Lafcadio, Sept. 26, 1904.
Heilprin, Angelo, July 17, 1907.
Henderson, David B., Feb. 25, 1906.
Herne, James A., June 2, 1901.
Hewitt, Abram S., Jan. 18, 1903.
Hilkoff, M., March 21, 1909.
Hitchcock, E. A., April 9, 1909.
Hitt, Robert R., Sept. 20, 1906.
Hoar, George F., Sept. 30, 1904.
Hoe, Robert, Sept. 22, 1909.
Hobart, Garret A., Nov. 21, 1899.
Holman, W. S., April 22, 1897.
Holmes, Mary Jane, Oct. 6, 1907.
Holmes, Oliver W., Oct. 7, 1894.
Howard, O. O., Oct. 26, 1909.
Humbert, King, July 29, 1900.
Huntington, C. P., Aug. 14, 1900.
Huxley, Thomas H., June 28, 1894.
Ibsen, Henrik, May 23, 1906.
Ignatieff, N. P., July 4, 1908.
Ingalls, John J., Aug. 16, 1900.
Ingersoll, Robert G., July 21, 1899.
Irving, Henry, Oct. 13, 1905.
Ito, Prince, Oct. 26, 1909.
Jefferson, Joseph, April 23, 1905.
Jewett, Sarah O., June 24, 1909.
Joachim, Joseph, Aug. 15, 1907.
Jokai, Maurus, May 5, 1904.
Johnson, Eastman, April 5, 1906.
Johnson, J. A., Sept 21, 1909.
Joubert, Gen., March 27, 1900.
Judd, Orange, Dec. 27, 1892.
Judge, Wm. Q., March 22, 1896.
Kelvin, Lord, Dec. 17, 1907.
Kjelland, Alexander, April 6, 1906.
Kossuth, Louis, March 20, 1894.
Kruger, Paul, July 14, 1904.
Kwang-Hsu, Nov. 14, 1908.
Langley, Samuel P., Feb. 27, 1906.
Larcom, Lucy, April 17, 1893.
Lawton, H. W., Dec. 19, 1899.
Leo XIII., July 20, 1903.
Leopold II., Dec. 17, 1909.
Li Hung Chang, Nov. 7, 1901.
Logan, Olive, April 23, 1909.
Lombroso, C., Oct. 19, 1909.
Lorimer, George C., Sept. 8, 1904.
Lossing, Benson J., June 3, 1891.
Lowell, James R., Aug. 12, 1891.
Lucca, Pauline, Feb. 28, 1908.
Manning, Cardinal, Jan. 14, 1892.
Mansfield, Richard, Aug. 30, 1907.
Maratzek, Max, May 14, 1897.
Marryat, Florence, Oct. 27, 1899.
Marsh, O. C., March 18, 1899.
Mathews, William, Feb. 15, 1909.
Maupassant, De, July 6, 1893.
Medill, Joseph, March 16, 1899.
Meissonier, Jan. 31, 1891.
Mendes, Catulle, Feb. 8, 1909.
Menzel, Adolf, Feb. 9, 1905.
Meredith, George, May 18, 1909.
Michel, Louise, Jan. 9, 1905.
Millais, Sir John, Aug. 13, 1896.
Mills, L. L., Jan. 18, 1909.
Modjeska, Helena, April 8, 1909.
Moody, Dwight L., Dec. 22, 1899.
Morrison, W. R., Sept. 29, 1909.
Most, Johann, March 17, 1906.
Moulton, Louise C., Aug. 10, 1908.
McArthur, John, May 15, 1906.
McClure, A. K., June 6, 1909.
McCosh, James, Nov. 16, 1894.
McKinley, William, Sept. 14, 1901.
McVicker, Jas. H., March 7, 1896.
Newcomb, Simon, July 11, 1909.
Nye, Edgar W., Feb. 21, 1896.
Ochiltree, Thos., Nov. 26, 1902.
Oliphant, Mrs. M., June 25, 1897.
O'Reilly, John Boyle, Aug. 11, 1890.
Oscar II., Dec. 8, 1907.
"Ouida" (Louise de la Ramee), Jan. 24, 1908.
Palma, Tomas E., Nov. 4, 1908.
Palmer, John M., Sept. 25, 1900.
Palmer, Potter, May 4, 1902.
Parker, Joseph, Nov. 28, 1902.
Parkman, Francis, Nov. 8, 1893.
Pastor, "Tony," Aug. 26, 1908.
Pierrepont, Edwards, March 6, 1892.
Pingree, Hazen S., June 18, 1901.
Playfair, Lyon, May 29, 1898.
Poole, William F., March 1, 1894.
Porter, Noah, March 4, 1892.
Potter, Henry C., July 21, 1908.
Pullman, George M., Oct. 19, 1897.
Randall, Samuel J., April 13, 1890.
Reclus, Elisee, July 4, 1905.
Reed, Thomas B., Dec. 7, 1902.
Remenyi, Edouard, May 15, 1898.
Remington, F., Dec. 26, 1909.
Renan, Joseph Ernst, Oct. 2, 1892.
Rhodes, Cecil, March 26, 1902.
Ridpath, John C., July 31, 1900.
Ristori, Adelaide, Oct. 9, 1906.
Robson, Stuart, April 29, 1903.
Rogers, H. H., May 19, 1909.
Rojestvensky, S., Jan. 14, 1909.
Root, George F., Aug. 6, 1895.
Rosewater, Edward, Aug. 21, 1906.
Rubinstein, Anton G., Nov. 20, 1894.
Ruskin, John, Jan. 29, 1900.
Russell, Sir Chas., Aug. 10, 1900.
Russell, Wm. H., Feb. 10, 1907.
St. Gaudens, Augustus, Aug. 3, 1907.
Sagasta, Praxedes M., Jan. 5, 1903.
Sage, Russell, July 22, 1906.
Salisbury, Lord, Aug. 22, 1903.
Salvini, Alexandre, Dec. 14, 1896.
Sampson, Wm. T., May 6, 1902.
Sankey, Ira D., Aug. 13, 1908.
Sarasate, Pablo de, Sept. 20, 1908.
Sardou, Victorien, Nov. 8, 1908.

Schliemann, H., Dec. 25, 1890.
Schurz, Carl, May 14, 1906.
Seidl, Anton, March 29, 1898.
Sherman, John, Oct. 22, 1900.
Sherman, Gen. W. T., Feb. 14, 1891.
Sigel, Franz, Aug. 21, 1902.
Smiles, Samuel, April 16, 1904.
Smyth, J. M., Nov. 4, 1909.
Spencer, Herbert, Dec. 8, 1903.
Sprague, O. S. A., Feb. 20, 1909.
Spreckels, Claus, Dec. 26, 1908.
Stanford, Leland, June 20, 1893.
Stanley, Henry M., May 10, 1904.
Stanton, Elizabeth C., Oct. 26, 1902.
Stedman, Edmund C., Jan. 18, 1908.
Stockton, Frank R., April 20, 1902.
Strakosch, Max, March 17, 1892.
Strauss, Johann, May 3, 1899.
Sullivan, Sir Arthur, Nov. 22, 1900.
Suppe, Franz von, June 21, 1895.
Sutro, Adolph, Aug. 8, 1898.
Swinburne, A. C., April 10, 1909.
Swing, David, Oct. 3, 1894.
Taine, Hippolyte A., March 5, 1893.
Talmage, T. DeWitt, April 12, 1902.
Tennyson, Alfred, Oct. 6, 1892.
Terry, A. H., Dec. 16, 1890.
Thaxter, Celia L., Aug. 27, 1894.
Thurman, Allen G., Dec. 12, 1895.
Tilton, Theodore, May 25, 1907.
Tisza, Koloman de, March 23, 1902.
Tourgee, Albion, May 21, 1905.
Tschaikowsky, Nov. 5, 1893.
Tsu-Hsi, Nov. 15, 1908.
Tuley, Murray F., Dec. 25, 1905.
Tyndall, John, Dec. 4, 1893.
Vanderbilt, Cornelius, Sept. 12, 1899.
Verdi, Giuseppe, Jan. 27, 1901.
Verne, Jules, March 24, 1905.
Victoria, Queen, Jan. 22, 1901.
Vilas, William F., Aug. 27, 1908.
Villard, Henry, Oct. 12, 1900.
Virchow, Rudolph, Sept. 5, 1952.
Voorhees, D. W., April 10, 1897.
Waite, C. B., March 25, 1909.
Wheeler, Joseph, Jan. 25, 1906.
Whitney, Wm. C., Feb. 2, 1904.
Whittier, John G., Sept. 7, 1892.
Wilde, Oscar, Nov. 30, 1900.
Wilhelmj, August, Jan. 23, 1908.
Willard, Frances E., Feb. 17, 1898.
Wilson, Augusta E., Aug. 9, 1909.
Windom, William, Jan. 29, 1891.
Wright, Carroll D., Feb. 20, 1909.
Yates, Edmund H., May 20, 1894.
Yerkes, Charles T., Dec. 29, 1905.
Zola, Emile, Sept. 29, 1902.

THE GENERAL EDUCATION BOARD.

Organized Feb. 27, 1902.

Chairman—Frederick T. Gates.
Treasurer—George Foster Peabody.
Secretary—Wallace Buttrick.
Other members—Robert C. Ogden, Walter H. Page, J. D. Rockefeller, Jr., Albert Shaw, Starr J. Murphy, Hugh H. Hanna, E. Benjamin Andrews, Edwin A. Alderman, Hollis B. Frissell, Harry Pratt Judson, Charles W. Eliot, Andrew Carnegie.
Offices—2 Rector street, New York city.

The general education board was informally organized Feb. 27, 1902, at the suggestion of John D. Rockefeller's committee on benevolence and was given a charter by congress and formally organized in January, 1903. The plan was designed and adapted to assist Mr. Rockefeller in distributing his gifts to education and to afford a medium through which other men of means might contribute to the same end. The board, a few days after its initial meeting, received from Mr. Rockefeller the sum of $1,000,000, the use of which was to be confined to the study and promotion of education in the southern states. An office was opened in New York city April 1, 1902, and work was begun. The board in co-operation with the department of agriculture took steps to educate the farmers of the south in scientific farming and up to the summer of 1908 had established about 15,000 demonstration farms under the supervision of eighty-nine agents in Alabama, Mississippi, Georgia, South Carolina, North Carolina, Virginia and Florida. The board also, in co-operation with the state universities of Virginia, North and South Carolina, Georgia, Alabama, Tennessee and Florida and the department of education in Louisiana has established more than 500 high schools. About $700,000 of the original sum given by Mr. Rockefeller has been expended in this way, about half being for schools for colored people.

June 30, 1905, the board was notified that Mr. Rockefeller would donate $10,000,000, the principal of which was to be held in perpetuity as a foundation for education, the income to be used for the benefit of institutions of learning in such manner as might be deemed best adapted to promote a comprehensive system of higher education in the United States. This sum was paid in cash Oct. 1, 1905, and the board in accepting it designated it as "The John D. Rockefeller Foundation for Higher Education." After due consideration the board adopted the following principles as defining its general policy: "To co-operate sympathetically and helpfully with the religious denominations; to choose the centers of wealth and population as the permanent pivots of an educational system; to mass its funds on endowments, securing in this work the largest possible local co-operation."

Feb. 7, 1907, the following letter was received from John D. Rockefeller, Jr.:

"Gentlemen: My father authorizes me to say that on or before April 1, 1907, he will give to the general education board income-bearing securities, the present market value of which is about $32,000,000, one-third to be added to the permanent endowment of the board; two-thirds to be applied to such specific objects within the corporate purposes of the board as either he or I may from time to time direct, any remainder not so designated at the death of the survivor to be added also to the permanent endowment of the board."

July 7, 1909, Mr. Rockefeller, through his son, John D. Rockefeller, Jr., notified the board that he had decided to give $10,000,000 additional to the permanent fund, the income to be devoted to present needs of great importance. The board was also authorized to distribute the principal of the fund, and all other endowment funds hitherto contributed by Mr. Rockefeller, whenever in the discretion of the members or their successors it should be deemed advisable to do so.

In the northern states the board devotes itself exclusively to the promotion of higher education, having always in view the desirability of aiding such institutions as, taken together, will constitute an adequate system of higher education for each of the several states, thus seeking to correct and prevent duplication and waste and securing the highest efficiency. In the southern states its work for the colleges is similar to that in the north, but in addition it seeks to promote public high schools, to promote elementary education by increasing the productive efficiency of rural life and to aid in developing schools for the training of leaders among the colored people.

NINTH ZIONIST CONGRESS.

The ninth Zionist congress was held in Hamburg, Germany, Dec. 26-31, 1909, with 350 delegates from all parts of the world in attendance. It was decided by resolution to gradually transfer all Zionist capital to Palestine, and to make Palestine the only center for its financial and industrial operations. It was announced by Dr. Max Nordau that the executive committee adhered to the original or Basle plan, making the return of the Jewish people to the holy land conditional upon the consent of the Turkish government that they be allowed to form a nationality within the Ottoman empire like the other nationalities there and to be recognized as such. The recent changes in Turkey, it was asserted, had not made it necessary to alter the terms of the old programme—"a publicly recognized, legally assured home for the Jewish people in Palestine." Encouraging reports were received as to the progress of Jerusalem school for trades and art, established some years ago, and as to the prospects of the proposed technical institute at Haifa and the laboratory for scientific agricultural research at Zikhron Jacob, Palestine.

Of the previous Zionist congresses six were held in Basle, Switzerland, one in London, England, and one in The Hague, Holland.

THEODORE ROOSEVELT'S RETURN FROM AFRICA.

Theodore Roosevelt, former president of the United States, terminated his hunting trip in the wilder part of Africa when he arrived at Khartum March 14, 1910. He and his son Kermit were extremely successful in getting specimens of game for the Smithsonian and other institutions, and among the animals secured were some that were rew to science or very rare. Following is a list of the larger game killed by Mr. Roosevelt:

Lions	7	Buffaloes	7
Rhinoceroses	16	Elands	3
Giraffes	7	Topi	4
Wildebeests	8	Elephants	9
Thompson's gazelle	1	Zebra	1
Hippopotami	6	Oryx	1
Python	1	Bushbuck	1
Ostrich	9	Oribi	1
Leopards	2	Kob	1
Hartebeest	1	Sables	3
Bohor	1	Sitatunga	1
Impalla	1	Bongos	2
Waterbuck	1		

Animals killed by Kermit Roosevelt:

Lions	10	Buffaloes	3
Cheetah	7	Monkeys	2
Giraffes	2	Topi	3
Wildebeest	1	Rhinoceroses	3
Leopard	1	Elephants	2
Hippopotami	3		

The Roosevelt party arrived at Gondokoro, Sudan, on the upper Nile, Feb. 17, and after a hunting expedition in the neighborhood, departed on the government steamer Dal for Khartum, which city was reached March 14. Here the former president and his son were met by Mrs. Roosevelt and Miss Ethel Roosevelt and were welcomed by the Sudan government officials. After a brief stay the party proceeded by steamer and train down the valley of the Nile, stopping at various points along the route to visit ancient temples and monuments, and arrived at Cairo March 24. Great crowds had assembled near the railroad station and in the streets through which Mr. Roosevelt was conducted, and he was made the subject of one of the greatest popular demonstrations ever witnessed in the Egyptian capital. Upon the invitation of the University of Cairo he made an address to the students there March 28, and in the course of his remarks denounced the assassination Feb. 20 of Butros Pasha, prime minister of Egypt, by a nationalist party fanatic named Wardant. This aroused the nationalists to a frenzy and caused a demonstration against Mr. Roosevelt in front of the hotel in which he was stopping. The speech also created a stir in Great Britain, where opinion as to its judiciousness was divided.

ARRIVAL IN EUROPE.

Mr. Roosevelt sailed from Alexandria, Egypt, March 20, for Naples, Italy, where he arrived Saturday morning, April 2. The following day he went to Rome, where it was announced that arrangements for an audience with the pope had fallen through because Mr. Roosevelt did not desire to comply with conditions limiting his freedom of conduct. Monday, April 4, the former president was cordially received by King Victor Emmanuel in the Quirinal.

After spending some time at Porto Maurizio with relatives, Mr. Roosevelt and family proceeded to Venice, where he met the duke of the Abruzzi and many others. Then he went on to Vienna, where he was received with royal honors by Emperor Francis Joseph. The latter gave a dinner, April 16, at the Schoenbrunn palace in Mr. Roosevelt's honor, at which many members of the cabinet and court officials were present. April 18 and 19 Mr. Roosevelt spent at Budapest, Hungary, where he was the guest of Count Apponyi and others. His welcome here was as hearty as he experienced on his whole trip, the Magyars doing all in their power to honor and please him.

On the morning of April 21 Mr. Roosevelt reached Paris and was heartily received by President Fallieres, the press and the people. The event of his stay in the French metropolis was his lecture at the Sorbonne on the subject, "The Duties of Citizenship." It was delivered before the French Academy April 23, in the presence of 3,000 auditors. On Monday, the 25th, he was received by the municipality of Paris, and the following two days were spent by him in sightseeing and in attending a military review and an aviation meet. Thursday, April 28, he reached Brussels, Belgium, where he dined at the palace with King Albert and attended a reception by the burgomaster.

IN SCANDINAVIA.

From Belgium Mr. Roosevelt and his party went to Holland, visiting Amsterdam, The Hague and Haarlem. Queen Wilhelmina and the prince consort, as well as all the people of the Netherlands, showed the former president, who is partly of Dutch descent, every honor in their power. Continuing his journey, Mr. Roosevelt arrived in Copenhagen, Denmark, May 2, and was cordially greeted by Crown Prince Christian in the absence of King Haakon. After receiving many courtesies, official and private, and a visit to Elsinore, he proceeded to Christiania, Norway, arriving there May 4. King Haakon and Queen Maud gave him an especially warm welcome, as did the Norwegian people generally, though they were in mourning for the recent death of Bjornstjerne Bjornson. Thursday, May 5, he delivered his Nobel peace prize lecture on "International Peace" before an audience of 1,800 persons, including the king and queen, in the state theater. The following day the University of Norway bestowed upon him the honorary degree of doctor of philosophy. In spite of the death of King Edward in London on the night of May 6, Mr. Roosevelt received a popular welcome in Stockholm, where he arrived on the morning of the 7th. Crown Prince Gustaf Adolf did the royal honors in the absence of the king, who was in France.

IN GERMANY AND ENGLAND.

Great preparations had been made by Emperor William to welcome and entertain Mr. Roosevelt in Berlin, where the former president arrived on the morning of May 10, but the plans had to be modified on account of the death of the kaiser's uncle, King Edward. However, much of the programme was carried through, the main features being a sham battle at Doberitz and a lecture by the visitor at the University of Berlin, which conferred upon him the honorary degree of doctor of philosophy. The emperor showed Mr. Roosevelt many and unusual courtesies, accompanying him personally at the maneuvers, attending his lecture on "The World Movement" and honoring him in other ways.

Before leaving Berlin, May 15, Mr. Roosevelt was appointed a special envoy of the United States to attend the funeral of King Edward. On his arrival in London, May 16, he was cordially but, of course, very quietly received. He was the subject of much private hospitality and was received by King George V. and by Alexandra, the queen mother. He attended the funeral of Edward VII. May 20, and passed the time quietly until May 31, when he was presented with the freedom of the city of London at the Guildhall. On this occasion he made a speech with reference to the British policy in Egypt, which caused much comment by its frankness. He intimated that, while Great Britain had given Egypt the best government the country had had in 2,000 years, it had erred in the direction of timidity and sentimentality.

June 7 Mr. Roosevelt delivered the Romanes lecture at Oxford university, taking as his subject "Biological Analogies in History." The degree of doctor of civil law was conferred upon him by the university.

RETURN HOME.

June 10 Mr. Roosevelt and family sailed for home on the Kaiserin Auguste Victoria, and arrived in New York Saturday morning, June 18. The welcome given the former president here by hundreds of thousands of his fellow citizens has never been surpassed in the history of the country. The features were a naval parade in the harbor, an official welcome by Mayor William J. Gaynor of New York at the Battery and a ride through the center of the city, with members of the old rough riders' regiment as escort. At the conclusion of

the welcoming ceremonies Mr. Roosevelt and his family proceeded to their home in Oyster Bay, L. I.

CHRONOLOGY OF TRIP.

1909.

March 23—Sails from New York.
April 5—Arrives at Naples, Italy.
April 6—Visits ruins of Messina with King Victor Emmanuel.
April 21—Arrives at Mombasa, Africa.
April 23, 1909, to March 14, 1910—Hunts in British and German East Africa.

1910.

Feb. 17—Arrives at Gondokoro, on the Nile.
March 14—Arrives at Khartum and meets family.
March 24—Reaches Cairo, Egypt.
March 28—Makes speech at University of Cairo on Egyptian question.
March 30—Sails from Alexandria, Egypt.
April 2—Arrives at Naples, Italy.
April 3—Arrives in Rome.
April 4—Is received by King Victor Emmanuel.
April 7—At Spezia, Italy.
April 11-13—At Porto Maurizio, Italy.
April 14—In Venice, Italy.
April 15-17—In Vienna, Austria; calls on Emperor Francis Joseph.
April 18-19—In Budapest, Hungary; guest of Count Apponyi and others.
April 21—Arrives in Paris, France; dines with President Fallieres; visits tomb of Napoleon.
April 23—Lectures at Sorbonne on "The Duties of Citizenship."
April 25—Is received by the municipality of Paris.
April 28—Reaches Brussels, Belgium; dines with King Albert.
April 29-May 1—In Holland; guest of Queen Wilhelmina.
May 2—In Copenhagen, Denmark; guest of Crown Prince Christian.
May 4—Arrives in Christiania, Norway; welcomed by King Haakon and Queen Maud.
May 5—Delivers Nobel prize lecture in state theater, Christiania, on the subject, "International Peace."
May 7-8—In Stockholm, Sweden; welcomed by Crown Prince Gustaf Adolf.
May 10-15—In Germany; guest of Emperor William at Potsdam and at Doberitz, where sham battle is fought; delivers lecture at the University of Berlin (May 12) on "The World Movement."
May 16—Arrives in London; reception quiet on account of death of King Edward.
May 20—Attends King Edward's funeral as representative of the United States.
May 26—Receives degree of LL. D. from Cambridge university.
May 31—Makes speech in Guildhall, London, criticising English policy in Egypt.
June 7—Delivers Romanes lecture at Oxford university; subject, "Biological Analogies in History."
June 10—Sails for America.
June 18—Welcomed in New York; goes to home at Oyster Bay, L. I.

LEADING ART GALLERIES OF THE WORLD.

The following list includes only the principal collections of paintings and sculptures readily accessible to the public in Europe and America.

EUROPE.

AUSTRIA-HUNGARY.

Academy of Art, Vienna.
Albertina, Vienna.
Imperial art gallery, Vienna.
Liechtenstein gallery, Vienna.
National gallery, Budapest.

BELGIUM.

Museum, Antwerp.
Palace of Fine Arts, Brussels.
Musee Wiertz, Brussels.

DENMARK.

Thorvaldsen museum, Copenhagen.
Ny-Carlsberg Glyptothek, Copenhagen.
National art gallery, Copenhagen.

FRANCE.

Louvre,* Paris.
Luxembourg, Paris.
Museum, Versailles.

GERMANY.

National gallery, Berlin.
Old and New museums, Berlin.
Pergamon museum, Berlin.
Emperor Frederick museum, Berlin.
Dresden gallery,* Dresden.
Old and New Pinakothek,* Munich.
Glyptothek, Munich.

HOLLAND.

Ryk's museum, Amsterdam.
Fodor museum, Amsterdam.
Six Collection, Amsterdam.
Townhall, Haarlem.
Lakenhal, Leyden.
Boymans museum, Rotterdam.
Mauritshuis, The Hague.

ITALY.

Vatican,* Rome.
Uffizi gallery,* Florence.
Pitti gallery,* Florence.
Brera gallery, Milan.
Poldi museum, Milan.
National museum, Naples.
Academy of Fine Arts, Venice.

NORWAY.

National gallery, Christiania.

RUSSIA.

Hermitage, St. Petersburg.

SPAIN.

Museo del Prado,* Madrid.
Museo Provincial, Seville.

SWEDEN.

National gallery, Stockholm.

UNITED KINGDOM.

British museum, London.
National gallery,* London.
Dore gallery, London.
Walker art gallery, Liverpool.
Art galleries, Glasgow.

AMERICA.

CANADA.

Fraser institute, Montreal.
The Basilica, Quebec.

MEXICO.

National museum, City of Mexico.

UNITED STATES.

Art institute, Chicago, Ill.
Art mus[redacted] Cincinnati, O.
Art [redacted] rcester, Mass.
Carne[redacted] Pittsburg, Pa.
Corco[redacted] ery, Washington, [redacted]
Layton [redacted] dery, Milwaukee, Wis.
Lenox collection, public library, New York, N. Y.
Metropolitan Museum of Art,* New York, N. Y.
Museum of Art, Toledo, O.
Museum of Fine Arts, Boston, Mass.
Museum of Fine Arts, St. Louis, Mo.
New York Historical society, New York, N. Y.
Pennsylvania Academy of Fine Arts, Philadelphia, Pa.
*Of first rank.

DEATH OF FLORENCE NIGHTINGALE.

Florence Nightingale, widely known for her work as a nurse in the Crimean war, died in London, England, Aug. 14, 1910. She was named after the city of Florence, Italy, where she was born May 12, 1820. Her father, a wealthy Englishman, gave her a classical education, and following a natural inclination she made a study of nursing in England and Germany. She proceeded to the Crimea in 1854 and worked so energetically in nursing and caring for the wounded and sick British soldiers that her health was broken and she became an invalid for the rest of her life. Subsequently a testimonial offering in the shape of $250,000 was given her, and she used the money in establishing the Nightingale home for the training of nurses. In 1908 the freedom of the city of London was conferred upon her.

UNITED STATES ARSENALS.

The largest of the United States arsenals are located at Rock Island, Ill., and Springfield, Mass. Others are at Pittsburg, Pa.; Augusta, Ga.; Benicia, Cal.; Columbia, Tenn.; Fort Monroe, Va.; Philadelphia, Pa.; Indianapolis, Ind.; Governor's island, N. Y.; Jefferson barracks, Mo.; Sandy Hook, N. J.; San Antonio, Tex.; Dover, N. J.; Watertown, Mass., and Watervliet, N. Y. Some of the above are merely powder depots, the principal manufacturing plants being at Rock Island, Springfield and Watervliet. The navy yards are also arsenals.

WHAT TRAVELERS MAY TAKE TO AMERICA.

[Treasury department's "Notice to Passengers," Feb. 4, 1910.]

Paragraph 709, appearing in the free list of the present tariff act, governing passengers' baggage, is as follows:

"Wearing apparel, articles of personal adornment, toilet articles and similar personal effects of persons arriving in the United States; but this exemption shall only include such articles as actually accompany and are in the use of, and as are necessary and appropriate for the wear and use of such persons, for the immediate purposes of the journey and present comfort and convenience, and shall not be held to apply to merchandise or articles intended for other persons or for sale; provided, that in case of residents of the United States, returning from abroad, all wearing apparel and other personal effects taken by them out of the United States to foreign countries shall be admitted free of duty, without regard to their value, upon their identity being established, under appropriate rules and regulations to be prescribed by the secretary of the treasury, but no more than $100 in value of articles purchased abroad by such residents of the United States shall be admitted free of duty upon their return."

Foreigners are entitled to bring in free of duty such articles as are in the nature of wearing apparel, articles of personal adornment, toilet articles and similar personal effects accompanying the passenger and necessary and appropriate for his or her wear and use for the purposes of the journey and present comfort and convenience, and are not intended for other persons nor for sale, without regard to the $100 limitation.

Citizens of the United States may have this privilege provided it is shown to the collector's representative on the pier, subject to the collector's approval, that they are bona-fide residents of a foreign country.

BAGGAGE DECLARATION.

Passengers should observe that on the sheet there are two forms of declaration: the one printed in black is for returning residents of the United States; the one in red, for all persons other than residents of the United States.

The senior member of a family, if a passenger, may make declaration for the entire family.

Ladies travelling [illegible] should state the fact in their declaration [illegible]es in order that an expeditious ex[illegible]ation of their baggage may be made.

The exact num[illegible] of pieces of baggage, including all trunks, [illegible]xes, packages and hand bags of all descrip[illegible] accompanying the passenger must be stated in the declaration.

The forms above mentioned will be distributed to passengers during the early part of the voyage by an officer of the ship. When a passenger has prepared and signed the declaration he must detach and retain the coupon at the bottom of the form and return the form to the officer of the ship designated to receive the same. Declarations spoiled in the preparation must not be destroyed, but turned over to the purser, who will furnish a new blank to the passenger.

After all the baggage and effects of the passenger are landed upon the pier the coupon which has been retained by the passenger must be presented at the inspector's desk, whereupon an inspector will be detailed to examine the baggage. Passengers must acknowledge in person on the pier their signatures to their declarations.

Passengers who for any reason desire the examination of their baggage postponed may have all or any part thereof sent to the appraisers' store by making a request therefor to the officer taking their declaration.

RESIDENTS OF THE UNITED STATES.

Residents of the United States must declare all wearing apparel, jewelry and other articles, whether used or unused, on their persons, in their clothing or in their baggage, which have been obtained abroad by purchase or otherwise, with the foreign cost or value of the same. They shall state, as well, all wearing apparel, jewelry or other articles taken out of the United States which have been remodeled or improved while abroad so as to increase their value, the said statement to include the cost of such improvement. By stating the value of all declared articles in United States money, and packing the same so as to be easily produced for examination (and in one trunk if practicable), passengers will expedite the appraisement and passing of the same upon the pier. Whenever practicable, passengers should present the original receipted bills for foreign purchases.

Residents of the United States are allowed $100 worth of articles in the nature of personal effects at their present foreign value, free of duty, provided they are not intended for other persons or for sale or to be used in business and are properly declared.

Use does not exempt from duty wearing apparel or other articles obtained abroad, but such articles will be appraised at their present value.

Residents of the United States may also bring with them free of duty all wearing apparel and other personal effects taken by them out of the United States which have not been remodeled or improved abroad so as to increase their value.

Residents of the United States must not deduct the $100 exemption from the value of other articles obtained abroad by purchase or their wearing apparel or otherwise. Such deduction will be made by customs officers on the pier.

OTHER GOODS.

Household effects of persons or families from foreign countries will be admitted free of duty if actually used abroad by them not less than one year and not intended for any other person nor for sale. Such effects should be declared whether the passenger be a foreigner or resident of the United States.

Articles intended for other persons, for use in business, theatrical apparel, properties and sceneries must also be declared by passengers, whether foreigners or residents.

CIGARS AND CIGARETTES.

All cigars and cigarettes must be declared, and are not included within the $100 exemption. Each passenger over 18 years of age is entitled to bring in free of duty and internal-revenue tax either fifty cigars or 300 cigarettes for his or her bona-fide individual personal consumption.

Passengers dissatisfied with values placed upon dutiable articles by the customs officers on the piers may demand a re-examination, but application therefor should be immediately made to the officers there in charge. If, for any reason, this course is impracticable, the packages containing the articles should be left in customs custody and application for reappraisement made to the collector of customs, in writing, within two days after the original appraisement. No request for reappraisement can be entertained after the articles have been removed from customs custody.

Government officers are forbidden by law to accept anything but currency in payment of duties, but, if requested, will retain baggage on the piers for twenty-four hours to enable the owner to secure the currency.

Passengers are advised that to offer or give gratuities or bribes to customs officers is a violation of law, and customs officers who accept gratuities or bribes will be dismissed from the service, and all parties guilty of such offense are liable to criminal prosecution.

Any discourtesy or incivility on the part of customs officers should be reported to the collector at the custom house, to the deputy collector or the deputy surveyor at the pier or to the secretary of the treasury.

BAGGAGE IN BOND.

Upon application to the customs officer in charge on the pier, baggage intended for delivery at ports in the United States other than the port of arrival or in transit through the United States to a foreign country may be forwarded thereto without the assessment of duty at the arrival, by the various railroads and express companies, whose representatives will be found on the pier. Passen-

gers desiring to have their baggage forwarded in bond should indicate such intention before the examination of their baggage and state the value thereof in their declarations.

SEALSKIN GARMENTS.

An act of congress expressly forbids the importation of garments made in whole or in part of the skins of seals taken in the north Pacific ocean, and unless the owner is able to establish by competent evidence that the garments are not prohibited they cannot be admitted.

Articles obtained abroad and not declared are subject to seizure, and the passenger is liable to criminal prosecution.

IMMIGRATION LAW OF THE UNITED STATES.

The immigration law provides for a poll tax of $4 for every alien entering the United States. This tax is not levied upon aliens who shall enter the United States after an uninterrupted residence of at least one year, immediately preceding such entrance, in Canada, Newfoundland, Cuba or Mexico, nor upon aliens in transit through the United States, nor upon aliens arriving in Guam, Porto Rico or Hawaii.

Whenever the president shall be satisfied that passports issued by any foreign government to its citizens to go to any country other than the United States or to any insular possession of the United States, or to the canal zone, are being used for the purpose of enabling the holders to come to the continental territory of the United States to the detriment of labor conditions therein, the president may refuse to permit such citizens of the country issuing such passports to enter the continental territory of the United States from such other country or from such insular possessions or from the canal zone.

The following classes are excluded from admission into the United States: All idiots, imbeciles, feeble-minded persons, epileptics, insane persons and persons who have been insane within five years; persons who have had two or more attacks of insanity at any time previously; paupers; persons likely to become a public charge; professional beggars; persons afflicted with tuberculosis or with a loathsome or dangerous contagious disease; persons who have committed a felony or other crime involving moral turpitude; polygamists or persons who believe in the practice of polygamy; anarchists or persons who believe in or advocate the overthrow by force or violence of the government of the United States, or of all governments, or of all forms of law, or the assassination of public officials; prostitutes, or women and girls coming into the United States for any immoral purpose; contract laborers who have been induced to migrate to this country by offers of employment or in consequence of agreements of any kind, verbal or written, express or implied, to perform labor in this country of any kind, skilled or unskilled; any person whose ticket or passage is paid for with the money of another, or who is assisted by others to come, unless it is satisfactorily shown that such person does not belong to one of the foregoing excluded classes and that said ticket or passage was not paid for by any corporation, society, municipality or foreign government, directly or indirectly; all children under 16 years of age unaccompanied by one or both of their parents, at the discretion of the secretary of commerce and labor. Nothing in the act shall exclude, if otherwise admissible, persons convicted of an offense purely political, not involving moral turpitude. Skilled labor may be imported if labor of like kind unemployed cannot be found in this country. The provisions of the law applicable to contract labor shall not be held to exclude professional actors, artists, lecturers, singers, clergymen, professors for colleges or seminaries, persons belonging to any recognized learned profession or persons employed strictly as personal or domestic servants.

It is unlawful to assist or encourage the importation or migration of any alien by promise of employment through advertisements printed in any foreign country. This, however, does not apply to states or territories advertising the inducements they offer to immigration thereto.

All aliens brought to this country in violation of law shall be immediately sent back by the owners of the vessels bringing them. Any alien entering the United States in violation of law and such as become public charges from causes existing prior to their landing shall be deported at any time within three years after their arrival.

No person who disbelieves in or who is opposed to all organized government, or who is a member of or affiliated with any organization entertaining and teaching such belief in or opposition to all organized government, or who advocates or teaches the duty, necessity or propriety of the unlawful assaulting or killing of any officer or officers, either of specific individuals or of officers generally, of the government of the United States, or of any other organized government, because of his or their official character, shall be permitted to enter the United States.

NATIONAL IMMIGRATION COMMISSION.

Office—In senate annex, Washington, D. C.

Senator William P. Dillingham of Vermont, chairman; Senators Henry Cabot Lodge of Massachusetts and Le Roy Percy of Mississippi; Representatives B. F. Howell of New Jersey, William S. Bennett of New York and John L. Burnett of Alabama; Jeremiah W. Jenks, Charles P. Neill, commissioner of labor, and William R. Wheeler, San Francisco, Cal.

Secretaries—Morton E. Crane, W. W. Husband and C. S. Atkinson, Washington, D. C.

DEATH OF CHIEF JUSTICE FULLER.

Melville Weston Fuller, chief justice of the United States Supreme court, died at his summer home at Sorrento, Me., July 4, 1910. Though 77 years of age he was in excellent health up to the hour of his death, which was caused by a sudden attack of heart disease. He was born in Augusta, Me., Feb. 11, 1833, and came to Chicago in 1856. His education was obtained in the public schools, Bowdoin college and the Harvard law school. Admitted to the bar in 1855 he practiced his profession with success until April, 1888, when President Grover Cleveland appointed him chief justice of the United States Supreme court. In politics he was a democrat. He was buried in Graceland cemetery, Chicago.

STATES AND TERRITORIES IN THE UNION.

There are forty-six states in the union and five territories, the latter including Arizona, New Mexico, Hawaii, the District of Columbia and Alaska. The first three are regularly organized territories, each with a governor and legislative assembly. The District of Columbia is governed by three commissioners appointed by the president of the United States under laws passed directly by congress. Alaska has a governor appointed by the president, but has no legislature. It is under the direct control of congress. Porto Rico, the Philippines and other island possessions of the United States are not technically territories, each having a special form of government.

COPYRIGHT LAWS OF THE UNITED STATES.

Approved March 4, 1909.

The act to amend and consolidate the acts respecting copyright, in force July 1, 1909, provides that any person entitled thereto, upon complying with the provisions of the law, shall have the exclusive right (a) to print, reprint, publish, copy and vend the copyrighted work; (b) to translate the copyrighted work or make any other version of it if it be a literary work; to dramatize it if it be a nondramatic work; to convert it into a novel or other nondramatic work if it be a drama; to arrange or adapt it if it be a musical work; to finish it if it be a model or design for a work of art; (c) to deliver or authorize the delivery of the copyrighted work if it be a lecture, sermon, address or similar production; (d) to perform the copyrighted work publicly if it be a drama or, if it be a dramatic work and not reproduced in copies for sale, to vend the manuscript or any record thereof; to make or to procure the making of any transcription or record thereof by which it may in any manner be exhibited, performed or produced, and to exhibit, perform or produce it in any manner whatsoever; (e) to perform the copyrighted work publicly for profit if it be a musical composition and for the purpose of public performance for profit and to make any arrangement or setting of it in any system of notation or any form of record in which the thought of an author may be read or reproduced.

So far as they secure copyright controlling the parts of instruments serving to reproduce mechanically the musical work the law includes only compositions published after the act went into effect; it does not include the works of a foreign author or composer unless the country of which he is a citizen or subject grants similar rights to American citizens. Whenever the owner of a musical copyright has used or permitted the use of the copyrighted work upon the part of instruments serving to reproduce mechanically the musical work, any other person may make a similar use of the work upon the payment to the owner of a royalty of 2 cents on each such part manufactured. The reproduction or rendition of a musical composition by or upon coin-operated machines shall not be deemed a public performance for profit unless a fee is charged for admission to the place where the reproduction occurs.

The works for which copyright may be secured include all the writings of an author.

The application for registration shall specify to which of the following classes the work in which copyright is claimed belongs:

(a) Books, including composite and cyclopedic works, directories, gazetteers and other compilations.

(b) Periodicals, including newspapers.

(c) Lectures, sermons, addresses, prepared for oral delivery.

(d) Dramatic or dramatic-musical compositions.

(e) Musical compositions.

(f) Maps.

(g) Works of art; models or designs for works of art.

(h) Reproductions of a work of art.

(i) Drawings or plastic works of a scientific or technical character.

(j) Photographs.

(k) Prints and pictorial illustrations.

These specifications do not, however, limit the subject matter of copyright as defined in the law nor does any error in classification invalidate the copyright protection secured.

Copyright extends to the work of a foreign author or proprietor only in case he is domiciled in the United States at the time of the first publication of his work or if the country of which he is a citizen grants similar copyright protection to citizens of the United States.

Any person entitled thereto by the law may secure copyright for his work by publication thereof with the notice of copyright required by the act, and such notice shall be affixed to each copy published or offered for sale in the United States. Such person may obtain registration of his claim to copyright by complying with the provisions of the act, including the deposit of copies, whereupon the register of copyrights shall issue to him a certificate as provided for in the law. Copyright may also be had of the works of an author of which copies are not reproduced for sale by the deposit with claim of copyright of one complete copy, if it be a lecture or similar production, or a dramatic or musical composition; of a photographic print if it be a photograph, or of a photograph or other identifying reproduction thereof if it be a work of art or a plastic work or drawing.

After copyright has been secured there must be deposited in the copyright office in Washington, D. C., two complete copies of the best edition thereof, which copies, if the work be a book or periodical, shall have been produced in accordance with the manufacturing provisions of the act, or if such work be a contribution to a periodical for which contribution special registration is requested one copy of the issue or issues containing such contribution. Failure to deposit the copies within a given time after notice from the register of copyrights makes the proprietor of the copyright liable to a fine of $100 and twice the retail price of the work and the copyright becomes void.

The text of all books and periodicals specified in paragraphs (a) and (b) above, except the original text of a book of foreign origin in a language other than English, must in order to secure protection be printed from type set within the limits of the United States, either by hand, machinery or other process, and the printing of the text and the binding of the books must also be done within the United States. An affidavit of such manufacture is required.

The notice of copyright required consists either of the word "copyright" or the abbreviation "copr.," accompanied by the name of the copyright proprietor, and if the work be a printed literary, musical or dramatic work, the notice must also include the year in which the copyright was secured by publication. In the case, however, of copies of works specified in paragraphs (f) to (k) inclusive (given above) the notice may consist of the letter C inclosed within a circle, accompanied by the initials, monogram, mark or symbol of the copyright proprietor, provided his name appears elsewhere on the copies. In the case of a book or other printed publication the notice shall be applied on the title page or on the page immediately following, or if a periodical either upon the title page or upon the first page of text of each separate number or under the title heading; or if a musical work upon its title page or the first page of music.

Where the copyright proprietor has sought to comply with the law with respect to notice, the omission of such notice by mistake from a particular copy or copies shall not invalidate the copyright or prevent recovery for infringement against any person who, after actual notice of the copyright, begins an undertaking to infringe it, but shall prevent the recovery of damages against an innocent infringer who has been misled by the omission of the notice.

In the case of a book in English published abroad before publication in this country, the deposit in the copyright office within thirty days of one copy of the foreign edition, with a request for the reservation of the copyright, secures for the author or owner an ad interim copyright for thirty days after such deposit is made.

The copyright secured by the act endures for twenty-eight years from the date of the first publication. In the case of any posthumous work, periodical, encyclopedic or other composite work upon which the copyright was originally secured by the proprietor thereof, or of any work copyrighted by a corporate body, or by an employer for whom such work is made for hire, the proprietor of such copyright shall be entitled to a renewal of the copyright in such work for the further term of twenty-eight years when application for such renewal shall have been made within one year prior to the expiration of the original term. In the case of any other copyrighted work, including a contribution by an individual author to a periodical or to a cyclopedic or other composite work when such contribution has been separately copyrighted, the author of such work, if living, or the heirs, executors or next of kin, if the author be dead, shall be en-

titled to a renewal of the copyright for a further term of twenty-eight years. In default of such application for renewal the copyright in any work shall end at the expiration of twenty-eight years.

If any person shall infringe the copyright in any work protected under the copyright laws of the United States, such person shall be liable:

(a) To an injunction restraining such infringement;

(b) To pay to the copyright proprietor such damages as the copyright proprietor may have suffered due to the infringement, as well as all the profits which the infringer shall have made from such infringement, and in proving profits the plaintiff shall be required to prove sales only and the defendant shall be required to prove every element of cost which he claims, or in lieu of actual damages or profits such damages as to the court shall appear to be just, and in assessing such damages the court may, in its discretion, allow the amounts as hereinafter stated (in numbered paragraphs), but in the case of a newspaper reproduction of a copyrighted photograph such damages shall not exceed the sum of $200 nor be less than $50, and such damages shall in no other case exceed the sum of $250 and shall not be regarded as a penalty:

1. In the case of a painting, statue or sculpture, $10 for every infringing copy made or sold by or found in the possession of the infringer or his agents or employes;

2. In the case of any work enumerated in the list (given above) of works for which copyright may be asked, except a painting, statue or sculpture, $1 for every infringing copy.

3. In the case of a lecture, sermon or address, $50 for every infringing delivery.

4. In the case of dramatic or dramatico-musical or a choral or orchestral composition, $100 for the first and $50 for every subsequent infringing performance; in the case of other musical compositions, $10 for every infringing performance.

(c) To deliver up on oath all articles alleged to infringe a copyright.

(d) To deliver up on oath for destruction all the infringing copies or devices, as well as all plates, molds, matrices or other means for making such infringing copies, as the court may order.

(e) Whenever the owner of a musical copyright has used or permitted the use of the copyrighted work upon the parts of musical instruments serving to reproduce mechanically the musical work, then in case of infringement by the unauthorized manufacture, use or sale of interchangeable parts, such as disks, rolls, bands or cylinders for use in mechanical music-producing machines, no criminal action shall be brought, but in a civil action an injunction may be granted upon such terms as the court may impose and the plaintiff shall be entitled to recover in lieu of profits and damages a royalty as provided in the act.

Any person who shall willfully and for profit infringe any copyright, or willfully aid or abet such infringement, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by imprisonment for not exceeding one year or by a fine of not less than $100 nor more than $1,000 or both, in the discretion of the court. It is provided, however, that nothing in the act shall prevent the performance of religious or secular works, such as oratorios, cantatas, masses or octavo choruses by public schools, church choirs or vocal societies, provided the performance is for charitable or educational purposes and not for profit.

Any person who shall fraudulently place a copyright notice upon any uncopyrighted article, or shall fraudulently remove or alter the notice upon any copyrighted article, shall be deemed guilty of a misdemeanor and shall be subject to a fine of not less than $100 nor more than $1,000. Any person who shall knowingly sell or issue any article bearing a notice of United States copyright which has not been copyrighted in this country, or who shall knowingly import any article bearing such notice, shall be liable to a fine of $100.

During the existence of the American copyright in any book the importation of any piratical copies thereof or of any copies not produced in accordance with the manufacturing provisions of the copyright law, or of any plates of the same not made from type set in this country, or any copies produced by lithographic or photo-engraving process not performed within the United States, is prohibited. Except as to piratical copies this does not apply.

(a) To works in raised characters for the blind;

(b) To a foreign newspaper or magazine, although containing matter copyrighted in the United States printed or reprinted by authority of the copyright owner, unless such newspaper or magazine contains also copyright matter printed without such authorization;

(c) To the authorized edition of a book in a foreign language of which only a translation into English has been copyrighted in this country;

(d) To any book published abroad with the authorization of the author or copyright proprietor under the following circumstances:

1. When imported, not more than one copy at a time, for individual use and not for sale, but such privilege of importation shall not extend to a foreign reprint of a book by an American author copyrighted in the United States;

2. When imported by or for the use of the United States;

3. When imported, for use and not for sale, not more than one copy of any such book in any one invoice, in good faith, by or for any society or institution incorporated for educational, literary, philosophical, scientific or religious purposes, or for the encouragement of the fine arts, or for any college, academy, school or seminary of learning, or for any state, school, college, university or free public library in the United States;

4. When such books form parts of libraries or collections purchased en bloc for the use of societies, institutions or libraries, or form parts of the library or personal baggage belonging to persons or families arriving from foreign countries and are not intended for sale.

No criminal actions shall be maintained under the copyright law unless the same be begun within three years after the cause of action arose.

Copyright may be assigned, mortgaged or bequeathed by will.

There shall be appointed by the librarian of congress a register of copyrights at a salary of $4,000 a year and an assistant register at $3,000 a year. These with their subordinate assistants shall perform all the duties relating to the registration of copyrights. The register of copyrights shall keep such record books in the copyright office as are required to carry out the provisions of the law, and whenever deposit has been made in the copyright office of a copy of any work under the provisions of the act he shall make entry thereof.

In the case of each entry the person recorded as the claimant of the copyright shall be entitled to a certificate of registration under seal of the copyright office.

The register of copyrights shall receive and the persons to whom the services designated are rendered shall pay the following fees: For the registration of any work subject to copyright, $1, which sum is to include a certificate of registration under seal: Provided, that in the case of photographs the fee shall be 50 cents where a certificate is not demanded. For every additional certificate of registration made, 50 cents. For recording and certifying any instrument of writing for the assignment of copyright or license, or for any copy of such certificate or license, duly certified, if not over 300 words in length, $1; if more than 300 and less than 1,000, $2; if more than 1,000 words in length, $1 additional for each 1,000 words or fraction thereof over 300 words. For recording the notice of user or acquiescence specified in the act, 25 cents for each notice of not over fifty words and an additional 25 cents for each additional 100 words. For comparing any copy of an assignment with the record of such document in the copyright office and certifying the same under seal, $1. For recording the extension or renewal of copyright, 50 cents. For recording the transfer of the proprietorship of copyrighted articles, 10 cents for each title of a book or other article in addition to the fee for recording the instrument of assignment. For any requested search of copyright office records, indexes or deposits, 50 cents for each full hour consumed in making such search. Only one registration at

one fee shall be required in the case of several volumes of the same book deposited at the same time.

For copyright blanks and additional information as to copyright regulations address the register of copyrights, library of congress, Washington, D. C.

APPLICATIONS FOR PATENTS.

[Condensed from Rules of Practice in the United States patent office.]

A patent may be obtained by any person who has invented or discovered any new and useful art, machine, manufacture or composition of matter, or any new and useful improvement thereof not previously patented or described in this or any other country, for more than two years prior to his application, unless the same is proved to have been abandoned. A patent may also be obtained for any new design for a manufacture, bust, statue, alto-relievo or bas-relief; for the printing of woolen, silk or other fabrics; for any new impression, ornament, pattern, print or picture to be placed on or woven into any article of manufacture; and for any new, useful and original shape or configuration of any article of manufacture, upon payment of fees and taking the other necessary steps.

Applications for patents must be in writing, in the English language and signed by the inventor if alive. The application must include the first fee of $15, a petition, specification and oath, and drawings, model or specimen when required. The petition must be addressed to the commissioner of patents and must give the name and full address of the applicant, must designate by title the invention sought to be patented, must contain a reference to the specification for a full disclosure of such invention and must be signed by the applicant.

The specification must contain the following in the order named: Name and residence of the applicant with title of invention; a general statement of the object and nature of the invention; a brief description of the several views of the drawings (if the invention admits of such illustration); a detailed description; claim or claims; signature of inventor and signatures of two witnesses. Claims for a machine and its product and claims for a machine and the process in the performance of which the machine is used must be presented in separate applications, but claims for a process and its product may be presented in the same application.

The applicant, if the inventor, must make oath or affirmation that he believes himself to be the first inventor or discoverer of that which he seeks to have patented. The oath or affirmation must also state of what country he is a citizen and where he resides. In every original application the applicant must swear or affirm that the invention has not been patented to himself or to others with his knowledge or consent in this or any foreign country for more than two years prior to his application, or on an application for a patent filed in any foreign country by himself or his legal representatives or assigns more than seven months prior to his application. If application has been made in any foreign country, full and explicit details must be given. The oath or affirmation may be made before any one who is authorized by the laws of his country to administer oaths.

Drawings must be on white paper with india ink and the sheets must be exactly 10x15 inches in size, with a margin of one inch. They must show all details clearly and without the use of superfluous lines.

Applications for reissues must state why the original patent is believed to be defective and tell precisely how the errors were made. These applications must be accompanied by the original patent and an offer to surrender the same; or, if the original be lost, by an affidavit to that effect and certified copy of the patent. Every applicant whose claims have been twice rejected for the same reasons may appeal from the primary examiners to the examiners in chief upon the payment of a fee of $10.

The duration of patents is for seventeen years except in the case of design patents, which may be for three and a half, seven or fourteen years, as the inventor may elect.

Caveats or notices given to the patent office of claims to inventions to prevent the issue of patents to other persons upon the same invention, without notice to caveators, may be filed upon the payment of a fee of $10. Caveats must contain the same information as applications for patents.

Schedule of fees and prices:	
Original application	$15.00
On issue of patent	20.00
Design patent (3½ years)	10.00
Design patent (7 years)	15.00
Design patent (14 years)	30.00
Caveat	10.00
Reissue	30.00
First appeal	10.00
Second appeal	20.00
For certified copies of printed patents:	
Specifications and drawing, per copy	$0.05
Certificate	.25
Grant	.50
For manuscript copies of records, per 100 words	.10
If certified, for certificate	.25
Blue prints of drawings, 10x15, per copy	.25
Blue prints of drawings, 7x11, per copy	.15
Blue prints of drawings, 5x8, per copy	.05
For searching records or titles, per hour	.50
For the Official Gazette, per year, in United States	5.00

PATENT OFFICE STATISTICS.

Yr.	Applications.	Issues.	Yr.	Applications.	Issues.
1898	35,842	22,267	1904	52,143	30,934
1899	41,443	25,527	1905	54,971	30,399
1900	41,890	26,499	1906	56,483	31,965
1901	46,449	27,373	1907	57,679	36,620
1902	46,641	27,886	1908	60,142	33,682
1903	50,213	31,699	1909	64,408	37,421

REGISTRATION OF TRADE-MARKS.

Under the law passed by congress Feb. 20, 1905, and effective April 1, 1905, citizens of the United States, or foreigners living in countries affording similar privileges to citizens of the United States, may obtain registration of trade-marks used in commerce with foreign nations, or among the several states, or with Indian tribes, by complying with the following requirements: First, by filing in the patent office an application therefor in writing, addressed to the commissioner of patents, signed by the applicant, specifying his name, domicile, location and citizenship; the class of merchandise and the particular description of goods comprised in such class to which the trade-mark is appropriated; a statement of the mode in which the same is applied and affixed to goods, and the length of time during which the trade-mark has been used. With this statement shall be filed a drawing of the trade-mark, signed by the applicant or his attorney, and such number of specimens of the trade-mark as may be required by the commissioner of patents. Second, by paying into the treasury of the United States the sum of $10 and otherwise complying with the requirements of the law and such regulations as may be prescribed by the commissioner of patents.

The application must be accompanied by a written declaration to the effect that the applicant believes himself to be the owner of the trade-mark sought to be registered and that no other person or corporation has the right to use it; that such trade-mark is in use and that the description and drawing presented are correct. Trade-marks consisting of or comprising immoral or scandalous matter, the coat of arms, flag or other insignia of the United States or of any state or foreign nation cannot be registered. Fees for renewal of trade-marks and for filing opposition to registration are $10 each; for appeals from examiners to the commissioner of patents, $15 each.

Further information may be had by applying to the commissioner of patents, Washington, D. C.

ESPERANTO SIMPLIFIED, OR IDO.

By E. F. McPike and O. H. Mayer, Chicago representatives of the "Delegation for the Adoption of an International Auxiliary Language."

Esperanto, the proposed international auxiliary language, published in 1887 by Dr. L. Zamenhof, an oculist of Warsaw, Poland, was welcomed by many, as it became more generally known in 1904, 1905 and 1906; but the practical application of the language to many topics, as well as a thorough theoretical examination, brought out a number of defects. An international committee of eminent philologists, logicians, linguists and men of science, representing the "Delegation for the Adoption of an International Auxiliary Language," and comprising the representatives of 310 societies of all countries and 1,250 members of academies and universities, met in Paris in October, 1907, and, as says the Scientific American supplement of June 18, 1910, in a long editorial, after an exhaustive study of all international language projects published heretofore, and especially of Esperanto, "succeeded not only in recognizing, but also in correcting in a competent manner, the errors of Esperanto, with the result that we are to-day in possession of a language which, in respect of facility, lucidity, variety and elegance of expression, represents the pinnacle of international speech. The new language, whose official name is 'International Language of the Delegation,' is often called in short 'Ido'—that is, a descendant, because it sprang from Esperanto."

The following are the chief alterations effected:

1. All accented letters done away with, making it possible to print the language anywhere, while preserving phonetic spelling and often restoring the international orthography.

2. Suppression of a few grammatical rules that were unnecessary and very troublesome for most nations, and chiefly for people with little knowledge of grammar (accusative, agreement of the adjective).

3. Word-building made regular, this being the only means to prevent the influx of national idioms and to give a solid basis to the scientific and technical vocabulary, without which the international language cannot obtain a footing in the world of science.

4. The vocabulary made richer by the adoption of new roots, carefully selected according to the principle of the maximum of internationality.

All the words are formed from international roots, i. e., roots found in most European languages, so that they are known without study by every fairly educated man. It is not a new language to learn; it is the quintessence of European languages. But it is easier beyond comparison than any of the latter, on account of its absolute simplicity and regularity. It is learned by reading; when you can read it you can write it; when you can write it you can speak it. And it has been proved by experience that people from the most different countries pronounce it so nearly alike as to make any difference trifling and by no means troublesome.

Although but two and a half years before the public, Ido counts already twelve magazines and 150 propaganda societies in many countries. Its directing committee is headed by the chemist, Prof. Ostwald of Leipsic (Nobel prize in 1909), the physicist; Prof. Pfaundler of Graz, member of the Imperial Academy of Sciences of Vienna, and Prof. Lorenz of the Technical University of Frankfort-on-the-Main; its academy is headed by the philologist, Prof. Jespersen of Copenhagen, member of the Royal Danish Academy of Sciences, and the philosopher, Dr. L. Couturat of Paris, sometime professor at the University of Toulouse.

GRAMMAR OF IDO.

Alphabet—No silent letters; all letters always pronounced as in alphabet, c = ts; g as in go; s as in so; x = ks; j as in jam (may also be pronounced as it is in French); sh as in ship; ch as in church; qu as in quality; y as in yes; r trilled or clearly pronounced. Vowels as in Scotch, Italian or German; a nearly as in father; e nearly as in set; i, between ee in sheep and i in ship; o as in no; u like o in do. After a or e, u = short oo (au = something like ow in cow; eu = something like eh-oo, in one syllable and with the eh longer than the oo).

Tonic accent or stress—On syllable before last; in the infinitive, on last syllable (ar, ir, or), y is not a vowel and cannot be accented; bona filyo devas amar sua patro.

Article—The = la, always. A or an, not translated.

Noun—Singular in -o, plural in -i.

Adjective—In -a, invariable (may be dropped for euphony).

Personal pronouns—Me = I, me; tu = you (familiar, 2d pers. sing.); vu = you (polite, sing.); il = he, him; el = she, her; ol = it; ni = we, us; vi = you (plural); li = they, them. (When necessary; ili, masc.; eli, fem.; oli, neut., = they).

Possessive pronouns—Mea = mine, my; tua = your, yours (familiar, sing.); vua = your, yours (polite, sing.); sa = his, her, hers, its (when distinction is not necessary); nia = our, ours; via = your, yours (plural); lia = their, theirs (in general).

When used alone (i. e., without a noun), plural: mei, tui, etc.

When distinction between his, her, its, their, is necessary, use ilsa = his; elsa = her, hers; olsa = its; illa = their (belonging to men); ella = their (belonging to women); olla = their (belonging to things).

Reflexive pronoun—Su = himself, herself, itself, themselves; sua = his own, her own, its own, their own. Plural: sui.

Demonstrative pronouns—Ica = this; ita = that; ici = these; iti = those; ico = this (thing); ito = that (thing). The initial i may be dropped; ca, ta, co, to, etc.

With distinction of gender. Ilca = this (masc.); elca = this (fem.); olca = this (thing); ilta = that (masc.); elta = that (fem.); olta = that (thing).

Plural (when used without a noun)—Ilci, elci, olci, ilti, etc.

Relative and interrogative pronouns—Qua (sing.) = who, what, which (person); qui (plural) = who, what, which (persons); quo (neut.) = which (thing), what; that.

Accusative—When the direct object precedes the subject it takes a final -n; la homo, quan vu vidis = the man whom you saw, the man you saw.

Verb—The conjugation consists of tenses only; person and number are only indicated by the subject.

Terminations of the chief tenses:

	Infinitive.	Indicative.	Active Participle.	Passive Participle.
Present	-ar	-as	-anta	-ata
Past	-ir	-is	-inta	-ita
Future	-or	-os	-onta	-ota

Conditional, -us; imperative, -ez.

The verb "to be" (es-ar) is used to form all tenses in the passive voice and the compound tenses in the active voice:

Past perfect—Me esis aminta, "I had loved."

Future perfect—Me esos aminta, "I shall have loved."

Conditional perfect—Me esus aminta, "I should have loved."

It will be noticed that the verb "to have" is not used as an auxiliary.

In the passive voice, the compound forms in -ata (esas amata, esis amata, esos amata, etc.) may be shortened into amesas, amesis, amesos, amesus, amesar, amesez. E. g., me amesus, "I should be loved" (me esus amata).

Adverbs—Derived adverbs end in -e. This -e replaces the -a or -o of the adjective or noun, bon-a = good, bon-e = well; nokt-o = night, nokt-e = by night.

THE CARNEGIE HERO FUND.

April 15, 1904, Andrew Carnegie placed in the hands of a commission the sum of $5,000,000 to be known as "the hero fund." Its purpose is to reward with medals and money the men and women who perform heroic deeds, or, in case they lose their lives, to care for those dependent upon them. Widows are given support until they remarry and children are given allowances until they are 16 years of age. Only such as follow peaceful vocations on sea or land in the United States and Canada are eligible to become beneficiaries of the fund. The first awards of medals and money were made in May, and others in October, 1905. The names of the recipients with the reason for the award in each case will be found in The Daily News Almanac and Year-Book beginning with the volume for 1906.

AWARDED NOV. 3, 1909.

Halley M. Woods, aged 38, merchant, saved Nellie B. Dana and others from drowning in flood at Athens, O., March 14, 1907; silver medal and $1,000.

Ray V. Vincent, aged 23, coal miner, saved James A. Bolin and others from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

James C. McMichael, aged 52, watchman, assisted in attempting to save Nancy J. Simmons and others from drowning at Athens, O., March 14, 1907; silver medal.

Amanson Lewis, Jr., aged 30, stationary engineer, assisted in attempt to save Nancy J. Simmons and others from drowning at Athens, O., March 14, 1907; silver medal and $1,000.

William A. Casley, aged 39, superintendent, helped to save Alvin L. Downard and others from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

Edward Swett, aged 33, painter, helped to save Lydia S. Young and others and died in attempting to save Ira C. Young and others in the Athens (O.) flood March 14, 1907, silver medal and $20 a month for support of father and mother.

Alonzo Barnes, aged 40, painter, helped to save Lydia S. Young and others from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

Charles F. Bearts, aged 48, driver, died while assisting in attempt to save Ira C. Young and others from drowning at Athens, O., March 14, 1907; silver medal to next of kin.

Carl J. Hibbard, aged 21, machinist, helped to save Mary E. Dana from drowning at Athens, O., March 14, 1907; silver medal and $1,000.

Otto Barth, aged 47, miller, died in attempting to save John P. Dana and others from drowning at Athens, O., March 14, 1907; silver medal and $25 a month to widow.

Pascal L. Traglio, aged 46, painter, helped to save Minerva M. Carsey and others from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

Frederick L. Guenther, aged 42, contractor, helped to save Minerva M. Carsey and others from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

Walter O. Allen, aged 26, student, helped to save James N. Carsey and Noah H. Martin from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

Harry G. Seevers, aged 26, coal miner, helped to save J. N. Carsey and N. H. Martin from drowning at Athens, O., March 14, 1907; bronze medal and $1,000.

Theodore H. Homer (colored), aged 32, saved Freddie Berger, aged 8, from a runaway in Philadelphia, Pa., Aug. 2, 1908; bronze medal and $500.

William F. Sayle, aged 15, schoolboy, saved Ethel H. Aldrich and Russell R. Dyer from drowning at North Attleboro, Mass., Jan. 17, 1908; bronze medal and $2,000.

John F. Conroy, aged 28, physical instructor, saved Walter Scully, aged 10, from drowning at Manchester, Mass., Aug. 28, 1908; bronze medal.

Timothy J. Madden, aged 25, machinist, helped to save Joseph Fizko, aged 10, from drowning at Thomaston, Conn., Jan. 9, 1909; bronze medal and $1,000.

Albert K. Sweet (colored), aged 20, machinist, attempted to save Ragnhild, Lilly and Axel Hanson, children, and Gilbert W. Johnson from drowning at Norwood, R. I., Feb. 17, 1909; bronze medal.

Harry F. Kennard, aged 35, laborer, attempted to rescue David B. Blair, aged 13, from electric shock at Chester, Pa., Feb. 27, 1909; bronze medal.

Albert Guildoo, aged 14, schoolboy, rescued Minnie M. Lowers, aged 13, from a mad dog at Wampum, Pa., March 16, 1909; bronze medal and $2,000.

John A. Cameron, aged 26, janitor, saved Martha W. Donnelly from burning in Cincinnati, O., Oct. 29, 1908; bronze medal and $1,000.

William G. Buley, aged 38, stationary engineer, saved Hannah A. Lewis from being run over by a train at Aldan, Pa., April 16, 1908; bronze medal and $1,750.

Frank H. Terry, aged 14, student, saved Fred O. Claus from drowning at Paulsboro, N. J., July 14, 1908.

George E. McCue (colored), aged 26, porter, saved Jacquelyn M. Herman, aged 2, from being run over by a train at Garden City, Kas., Nov. 19, 1908; bronze medal and $500.

Robert Dowling, aged 38, machinist, saved Mahlon R. Potts and tried to save two others from suffocation at Elizabeth, N. J., Dec. 9, 1905; bronze medal and $1,000.

Linwood E. Clark, aged 19, student, saved Edgar V. Bump from burning at Wilton, Me., Dec. 23, 1908; bronze medal and $2,000.

Ralph H. Reeder, aged 25, superintendent, saved Bessie L. Lewis and Katherine M. Cain from drowning at Bordentown, N. J., July 6, 1908; bronze medal.

Henry R. Berry, aged 25, laborer, died in attempting to save Carl G. Britton, aged 12, from drowning at Cambridge, O., June 13, 1909; bronze medal and $25 a month to widow.

Frederick E. Foss, aged 38, lineman, died attempting to save William Quann from electric shock at Somerset, Mass., Nov. 16, 1908; bronze medal and $25 a month to mother.

Patrick Casey, aged 25, pipefitter, died attempting to save William B. Jones from suffocation by gas at Youngstown, O., April 29, 1909; silver medal and $50 a month to widow and $5 a month for son.

Robert L. Troscher, aged 18, wireman, attempted to save Patrick Casey and William B. Jones from suffocation by gas at Youngstown, O., April 29, 1909; bronze medal and $1,000.

Stephen Borovsky, aged 34, foreman, attempted to save Patrick Casey from suffocation at Youngstown, O., April 29, 1909; bronze medal and $500.

Harry D. Thompson, aged 43, master mechanic, attempted to save William B. Jones from suffocation at Youngstown, O., April 29, 1909; bronze medal and $500.

Robert Backus, aged 29, stationary engineer, attempted to save William B. Jones from suffocation at Youngstown, O., April 29, 1909; bronze medal and $500.

Bertha Rattenbury, aged 15, student, saved Abigail Wellner from drowning at Charlottetown, P. E. I., Aug. 6, 1909; silver medal and $2,000.

Ithamer C. Sapp, aged 41, farmer, saved William C. Whitney from burning at Westerville, O., Nov. 17, 1907; silver medal and $2,100.

Clarence M. Thompson, aged 49, farmer, attempted to save Eugene G. Davis and Nelson O. Thompson from suffocation in a well at Cimarron, Kas., May 18, 1909; silver medal and $1,000.

William F. Bayless, aged 23, farmer, saved Clarence M. Thompson from suffocation at Cimarron Kas., May 18, 1909; silver medal and $1,000.

George A. Lowry, aged 52, inventor, attempted to save Annie L. Pollard from drowning at Pablo Beach, Fla., Aug. 22, 1908; silver medal.

William M. Edwards, aged 25, longshoreman, rescued Lucius Hubbard from burning in Philadelphia, Pa., June 20, 1908; silver medal and $1,000.

Jesse C. Stewart, aged 23, farmer, saved Otis E. Nichols and Spencer Bullard from suffocation by gas in a well at Brownwood, Tex., April 26, 1909; silver medal and $1,000.

Clemmie C. Lebus, aged 26, housewife, died attempting to save Mazel Ellis and Kathryn E. Weaver from drowning at Henrietta, Tex., April 29, 1909; silver medal.

Herbert L. Mitchell, aged 44, clergyman, died attempting to save Clarence B. Blakeslee from drowning at Fishers island, N. Y., Aug. 3, 1909; silver medal, $300 to pay debt and $70 a month to widow and $5 additional a month for each child.

Charles W. Hammond, aged 44, laborer, died attempting to save Archibald C. Reynolds from drowning at Sydney, Me., April 1, 1909; silver medal and $20 a month to widow and $5 a month for each of four children.

Ignatius J. Raif, aged 22, blacksmith, died rescuing Adolph Reiss, aged 5, from electric shock at Houston, Tex., April 30, 1909; silver medal and $40 a month to widow and $5 a month for each of two children.

Michael Donlon, aged 35, porter, died saving Malvina and Delcina F. Gauthier from being run over by a train at Meriden, Conn., Jan. 2, 1909; silver medal.

Michael J. Duffy, aged 55, special officer, died attempting to save Emma C. Conklin, aged 65, from being run over by a train at Hallstead, Pa., Jan. 11, 1909; silver medal and $40 a month to widow.

Francis G. Stewart, aged 50, crossing watchman, died saving G. Cary Bercaw, aged 6, from being run over by a train at Hammond, La., April 13, 1908; silver medal.

Matthew J. Kelly, aged 31, died attempting to save John A. McCue from suffocation by gas in Pittsburg, Pa., Aug. 4, 1909; silver medal and $50 a month to widow, with $5 a month for son.

AWARDED JAN. 19, 1910.

Francis T. Smith, aged 43, engraver, saved Mary Cunningham from drowning at George's Mills, N. H., Aug. 23, 1909; bronze medal.

Thomas J. Caniff, aged 43, tool setter, rescued John E. Ross, Jr., and Edward A. Saum from electric shock at Waterbury, Conn., Sept. 12, 1905; bronze medal.

George F. Burba, aged 44, editor, saved Catherine Murty, aged 12, from drowning at Snyderville, O., Aug. 12, 1909; bronze medal.

Oscar H. Thomas, aged 29, salesman, saved Alfred H. Smith, aged 7, from drowning at Milford, Conn., Dec. 7, 1907; bronze medal and $1,000.

James W. Marrinan, aged 16, student, saved Neil E. Duffy, aged 4, from being run over by train at Woburn, Mass., June 12, 1909; bronze medal and $2,000.

Frank B. Well, aged 21, school teacher, saved Charles I. Fisher, Olive M. McCally and Cora B. Butterfield from burning at Walker, Iowa, Nov. 1, 1908; bronze medal and $2,000.

Anthony J. Langhammer, aged 18, machinist, saved Edward Yung, aged 10, from drowning at Dayton, Ky., Aug. 8, 1909; bronze medal and $2,000.

Charles W. Weld, aged 21, salesman, saved J. Chase Harbaugh from drowning at Waterloo, Iowa, Aug. 1, 1908; bronze medal.

John A. Grady, aged 30, fisherman, helped save Arthur Nystrom and Herman Peterson from drowning at Souris, P. E. I.; bronze medal and $500.

Duncan J. Campbell, aged 24, lineman, helped save Arthur Nystrom and Herman Peterson from drowning at Souris, P. E. I.; bronze medal and $500.

Cornelius H. Bertrand, aged 17, office boy, died attempting to save Charles Zimmerman from drowning at New York, N. Y., Aug. 8, 1909; bronze medal and $1,000 to father.

Charles P. McCrory, aged 19, clerk, died attempting to save John A. Altenbaugh, Jr., from drowning at Sandy Creek, Pa., Aug. 4, 1909; bronze medal and $3,000, with $20 a month additional for five years to father.

Edith M. Grigor, aged 36, school teacher, died attempting to save James C. Morrison, aged 7, from drowning at Wentworth, N. H., Aug. 13, 1907; silver medal to father.

Jesse E. Patterson, photographer, attempted to save Minerva M. Carsey and nine others from drowning at Athens, O., March 14, 1907; silver medal and $500.

Matthew Walsh, aged 45, laborer, died as result of attempting to save James E. Kelly from suffocation by gas in manhole in Boston, Mass., Aug. 12, 1909; silver medal and $25 a month to widow, with $5 a month for each of five children.

Humphrey J. Moynihan, aged 51, inspector, saved James E. Kelly and Thomas Bragan from suffocation by gas in Boston, Aug. 12, 1909; silver medal and $1,000.

CARNEGIE HERO FUND COMMISSION, 1909.

President—Charles L. Taylor.
Vice-president—W. J. Holland.
Treasurer—J. H. Reed.
Secretary and manager—F. M. Wilmot.
Members—William L. Abbott, Taylor Allerdice, Albert J. Barr, Edward M. Bigelow, W. W. Blackburn, Joseph Buffington, A. C. Dinkey, Ralph M. Dravo, R. A. Franks, W. N. Frew, W. J. Holland, Thomas Lynch, Thomas N. Miller, Thomas Morrison, F. C. Perkins, H. K. Porter, J. H. Reed, W. L. Scaife, W. H. Stevenson, Charles L. Taylor, F. M. Wilmot.
Office—In Carnegie building, Pittsburg, Pa.

Up to Jan. 31, 1910, the commissioners had made 336 awards. These included 13 gold medals, 148 silver medals and 175 bronze medals. A total of 4,621 cases had been considered. The sum of $248,406.54 had been paid to heroes and their dependents, the amounts paid on pension allowances being included. Besides this $124,462.06 had been given to funds for the relief of sufferers in the Grover factory disaster at Brockton, Mass., the California earthquake disaster, the Monongah mines disaster, the Darr mine disaster and the Lick Branch mine disaster.

Acts for which awards for heroism had been made up to Jan. 31 1910:

Saving or attempting to save from—		Being run over by	
Drowning	208	street car	3
Suffocation by gas	35	Snake bite	1
Being run over by train	30	Quarry explosion	1
Burning	22	Suicide	1
Runaway	9	Automobile	1
Electric shock	7	Enraged bull	1
Mine explosion	6	Freezing	1
Cave-in	6	Sawmill belting	1
Mad dog	2	Train wreck	1
		Total	336

By states awards have been made as follows to Jan. 31, 1910:

Alabama	1	Nebraska	2
California	5	New Hampshire	3
Connecticut	11	New Jersey	19
Dist. of Columbia	1	New York	36
Florida	4	Ohio	50
Georgia	4	Oregon	2
Idaho	3	Pennsylvania	42
Illinois	16	Rhode Island	9
Indiana	6	South Carolina	2
Iowa	9	Tennessee	2
Kansas	8	Texas	5
Kentucky	6	Utah	1
Louisiana	2	Vermont	1
Maine	6	Virginia	2
Maryland	1	Washington	2
Massachusetts	33	West Virginia	1
Michigan	9	Wisconsin	9
Minnesota	5	Canada	10
Mississippi	1		
Missouri	8	Total	336

HOT WEATHER AND DROUGHT IN 1910.

The summer of 1910 was warm and dry throughout the greater part of the United States. the heat and drought resulting in considerable damage to crops and in extensive forest fires in Wisconsin, Michigan, Minnesota, Idaho and Montana. The spring was rather late and cold in the north central states, though on the southern Pacific slope it was unusually warm. In Los Angeles, Cal., the thermometer registered 100 degress above zero April 23, the warmest weather experienced there at that time of year since the government began keeping a record. It began to get warm in the Mississippi valley in June and culminated in a general "hot wave" in the third week of July. On the 25th and 26th of that month the thermometer ranged from 90 to 109 degrees above, the highest temperatures being registered in Oklahoma, Missouri, Kansas, Texas, Arkansas and Colorado. In Chicago, July 24, it was 97 degrees above. The heat continued with brief interruptions well into August.

UNITED STATES CIVIL SERVICE.

Civil-service act approved Jan. 16, 1883.

Officers—Three commissioners are appointed by the president to assist him in classifying the government offices and positions, formulating rules and enforcing the law. Their office is in Washington, D. C. The chief examiner is appointed by the commissioners to secure accuracy, uniformity and justice in the proceedings of the examining boards. The secretary to the commission is appointed by the president.

General Rules—The fundamental rules governing appointments to government positions are found in the civil-service act itself. Based upon these are many other regulations formulated by the commission and promulgated by the president from time to time as new contingencies arise. The present rules were approved March 20, 1903, and went into effect April 15, 1903. In a general way they require that there must be free, open examinations of applicants for positions in the public service; that appointments shall be made from those graded highest in the examinations; that appointments to the service in Washington shall be apportioned among the states and territories according to population; that there shall be a period (six months) of probation before any absolute appointment is made; that no person in the public service is for that reason obliged to contribute to any political fund or is subject to dismissal for refusing to so contribute; that no person in the public service has any right to use his official authority or influence to coerce the political action of any person. Applicants for positions shall not be questioned as to their political or religious beliefs and no discrimination shall be exercised against or in favor of any applicant or employe on account of his religion or politics. The classified civil service shall include all officers and employes in the executive civil service of the United States except laborers and persons whose appointments are subject to confirmation by the senate.

Examinations—These are conducted by boards of examiners chosen from among persons in government employ and are held twice a year in all the states and territories at convenient places. In Illinois, for example, they are usually held at Cairo, Chicago and Peoria. The dates are announced through the newspapers or by other means. They can always be learned by applying to the commission or to the nearest postoffice or custom house. Those who desire to take examinations are advised to write to the commission in Washington for the "Manual of Examinations," which is sent free to all applicants. It is revised semiannually to Jan. 1 and July 1. The January edition contains a schedule of the spring examinations and the July edition contains a schedule of the fall examinations. Full information is given as to the methods and rules governing examinations, manner of making application, qualifications required, regulations for rating examination papers, certification for and chances of appointment, and as far as possible it outlines the scope of the different subjects of general and technical examinations. These are practical in character and are designed to test the relative capacity and fitness to discharge the duties to be performed. It is necessary to obtain an average percentage of 70 to be eligible for appointment, except that applicants entitled to preference because of honorable discharge from the military or naval service for disability resulting from wounds or sickness incurred in the line of duty need obtain but 65 per cent. The period of eligibility is one year.

Qualifications of Applicants—No person will be examined who is not a citizen of the United States; who is not within the age limitations prescribed; who is physically disqualified for the service which he seeks; who has been guilty of criminal, infamous, dishonest or disgraceful conduct; who has been dismissed from the public service for delinquency and misconduct or has failed to receive absolute appointment after probation; who is addicted to the habitual use of intoxicating liquors to excess, or who has made a false statement in his application. The age limitations in the more important branches of the public service are: Postoffice, 18 to 45 years; rural letter carriers, 17 to 65; internal revenue, 21 years and over; railway mail, 18 to 35; lighthouse, 18 to 50; life saving, 18 to 45; general departmental, 20 and over. These age limitations are subject to change by the commission. They do not apply to applicants of the preferred class. Applicants for the position of railway mail clerk must be at least 5 feet 6 inches in height, exclusive of boots or shoes, and weigh not less than 135 pounds in ordinary clothing and have no physical defects. Applicants for certain other positions have to come up to similar physical requirements.

Method of Appointment—Whenever a vacancy exists the appointing officer makes requisition upon the civil-service commission for a certification of names to fill the vacancy, specifying the kind of position vacant, the sex desired and the salary. The commission thereupon takes from the proper register of eligibles the names of three persons standing highest of the sex called for and certifies them to the appointing officer, who is required to make the selection. He may choose any one of the three names, returning the other two to the register to await further certification. The time of examination is not considered, as the highest in average percentage on the register must be certified first. If after a probationary period of six months the name of the appointee is continued on the roll of the department in which he serves the appointment is considered absolute.

Removals—No person can be removed from a competitive position except for such cause as will promote the efficiency of the public service and for reasons given in writing. No examination of witnesses nor any trial shall be required except in the discretion of the officer making the removal.

Salaries—Entrance to the department service is usually in the lowest grades, the higher grades being generally filled by promotion. The usual entrance grade is about $900, but the applicant may be appointed at $840, $760 or even $600.

EMPLOYES IN THE FEDERAL CIVIL SERVICE.

June 30, 1909.

IN WASHINGTON.

White House	43
State department	199
Treasury department	7,900
War department	2,236
Navy department	1,019
Postoffice department	1,665
Interior department	5,779
Department of justice	1,207
Department of agriculture	2,760
Department of commerce and labor	1,860
Interstate-commerce commission	560
Civil-service commission	160
Smithsonian institution	439
State, war and navy department building	231
Isthmian canal commission	149
Government printing office	4,091
Total	30,298

OUTSIDE WASHINGTON.

Treasury department—	
Supervising architect	222
Custodian and janitor service	3,184
Mints and assay offices	1,193
Subtreasury service	389
Public health and marine-hospital service	2,891
Life-saving service	2,289
Customs service	7,557
Internal-revenue service	3,722
Miscellaneous	462
War department—	
Quartermaster's department	7,643
Ordnance department	5,859
Engineer department	12,413
Miscellaneous	2,084
Navy department—	
Trade and labor positions	21,000
Exclusive of trade and labor positions	2,371
Postoffice department—	
Inspection service and stamp agencies	415
Postoffice service	93,994
Fourth-class postmasters	52,942

Rural free delivery service	40,257
Railway mail service	16,087
Interior department—	
Land service	1,175
Pension-agency service	5,123
Indian service	6,007
Reclamation service	843
Miscellaneous	188
Department of justice	1,991
Department of agriculture	8,519
Department of commerce and labor—	
Lighthouse service	7,067
Immigration service	1,537
Steamboat-inspection service	303
Miscellaneous	1,232
Civil-service commission	33
Isthmian canal service	25,635
Total	337,496
Grand total	307,794

THE CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING.

In April, 1905, Andrew Carnegie transferred to a board of trustees $10,000,000 in United States Steel corporation fifty-year bonds bearing 5 per cent interest, the purpose of the trust fund thus created being to provide retiring allowances or annuities to teachers in the higher institutions of learning in the United States, Canada, and Newfoundland under such regulations as the trustees might decide to be wise. Schools below the rank of college and institutions directly under the control of religious denominations are excluded from the benefits of the fund. State universities were also originally excluded from the benefits of the fund, but March 31, 1908, Mr. Carnegie, at the request of the National Association of State Universities, admitted them and at the same time added to the foundation $5,000,000 in 5 per cent bonds, making the fund $15,000,000 in all. The state universities of Wisconsin, Michigan, Minnesota and Missouri were admitted in 1909.

The policy of the board has been to confer the retiring allowances through the institutions themselves rather than to individual teachers, on the principle that the annuity must come as a right and not as a charity. The professors in the accepted institutions receive retired pay in due course and under established rules. Allowances are granted on the basis of age, service and disability. Any person 65 years of age who has had not less than fifteen years of service as professor or not less than twenty-five years of service as instructor or as instructor and professor, and who is at the time a professor or an instructor in an accepted institution, shall be entitled to an annual retiring allowance, computed as follows:

(a) For an active pay of $1,200 or less an allowance of $1,000, provided no retiring allowance shall exceed 90 per cent of the active pay.

(b) For an active pay greater than $1,200 the retiring allowance shall equal $1,000, increased by $50 for each $100 of active pay in excess of $1,200.

(c) No retiring allowance shall exceed $4,000.

Any person who has had twenty-five years of service as a professor or thirty years of service as professor and instructor and who is at the time either a professor or an instructor in an accepted institution, shall, in the case of disability unfitting him for the work of a teacher, as proved by medical examination, be entitled to a retiring allowance computed as follows:

(a) For an active pay of $1,200 or less a retiring allowance of $800, provided that no retiring allowance shall exceed 80 per cent of the active pay.

(b) For an active pay greater than $1,200 the retiring allowance shall equal $800, increased by $40 for each $100 in excess of $1,200.

(c) For each additional year of service above twenty-five for a professor or thirty for an instructor the retiring allowance shall be increased by 1 per cent of the active pay.

(d) No retiring allowance shall exceed $4,000.

At the beginning of 1910 the foundation was paying 318 pensions, the cost being $466,000. The professors receiving these pensions came from 139 colleges, distributed over forty-three states of the union and provinces of Canada. Following were the officers of administration in 1910:

President—Henry Smith Pritchett.
Treasurer—Thomas Morrison Carnegie.
Secretary—John Gabbert Bowman.
Trustees—Charles C. Harrison, chairman; David Starr Jordan, vice-chairman; Charles F. Thwing, secretary; Hill McClelland Bell, Nicholas M. Butler, Thomas M. Carnegie, Edwin R. Craighead, William H. Crawford, George H. Denny, Robert A. Franks, Arthur Twining Hadley, Charles C. Harrison, Alexander C. Humphreys, Henry C. King, Thomas McClelland, Samuel B. McCormick, William Peterson, Samuel Plantz, Henry S. Pritchett, Ira Remsen, Jacob Gould Schurman, Laurenus C. Seelye, William F. Slocum, Frank A. Vanderlip, Charles R. Van Hise, Woodrow Wilson.
Office—576 5th avenue, New York, N. Y.

GREAT EARTHQUAKES IN MODERN TIMES.

SAN FRANCISCO, CAL.

Date—April 18, 1906.
Lives lost—452.
Persons injured—1,500.
Persons made homeless—265,000.
Property loss—$350,000,000 (estimated).
Loss of insurance companies—$132,823,067.21.
Buildings destroyed—60,000.
Blocks or squares burned—453.
Area of burned district—3.96 square miles.
Relief appropriation by congress—$2,500,000.
Relief subscription—$11,000,000.

VALPARAISO, CHILE.

Date—Aug. 16, 1906.
Lives lost—1,500.
Property loss—$100,000,000.

KINGSTON, JAMAICA.

Date—Jan. 14, 1907.
Lives lost—1,100.
Persons injured—2,000.
Property loss—$25,000,000.
Buildings destroyed—6,000.
Area of ruined district—50 acres.
Area affected by earthquake—300 acres.
Duration of first shock—38 seconds.
Duration of fire after earthquake—40 hours.

SICILY AND CALABRIA.

Date—Dec. 28, 1908.
Day of week—Monday.
Hour—5:23 a. m.
Duration of shock—35 seconds.
Lives lost—76,483.
Persons injured—95,470.
Persons made homeless—1,100,000.
Property destroyed—(No estimate attempted).
Region affected—Northeastern Sicily and southwestern Calabria.
Chief cities and towns destroyed or damaged—In Sicily: Messina, Faro, Santa Teresa, Scalleta. In Calabria: Reggio, Gallico, San Giovanni, San Eufemia, Pellaro, Palmi, Cannitello.

AREAS OF OCEANS AND GREAT LAKES.

Oceans—	Sq. miles.
Antarctic	5,731,350
Arctic	4,781,000
Atlantic	34,801,400
Indian	17,084,000
Pacific	67,699,630

Lakes—	Sq. miles.
Baikal	13,000
Chad	50,000
Erie	9,960
Great Bear	10,000
Great Slave	12,000
Huron	23,800
Michigan	22,450
Nyassa	12,000
Ontario	7,240
Superior	31,200
Tanganyika	15,000
Victoria Nyanza	26,500
Winnipeg	9,000

NATIONAL PARKS IN THE UNITED STATES.

(Under supervision of the secretary of the interior.)

NAME.	Location.	Created.	Acres.
Antietam	Maryland	Aug. 20, 1890	43
Casa Grande Ruin	Arizona	June 22, 1892	480
Chickamauga and Chattanooga	Georgia and Tennessee	Aug. 18, 1890	6,195
Crater Lake	Oregon	May 22, 1902	159,360
General Grant	California	Oct. 1, 1890	2,560
Gettysburg	Pennsylvania	Feb. 11, 1895	877
Glacier	Montana	May 11, 1910	.....
Hot Springs Reservation	Arkansas	June 16, 1880	912
Mesa Verde	Colorado	June 29, 1906	42,376
Mount Rainier	Washington	May 22, 1899	207,360
Platt	Oklahoma	June 29, 1906	848
Rock Creek	District of Columbia	Sept. 27, 1890	1,606
Sequoia	California	Oct. 1, 1890	160,000
Shiloh	Tennessee	Dec. 27, 1894	3,000
Sully's Hill	North Dakota	June 4, 1904	960
Vicksburg	Mississippi	Feb. 21, 1899	1,233
Wind Cave	South Dakota	Jan. 9, 1903	10,522
Yellowstone	Montana and Wyoming	March 1, 1872	2,142,720
Yosemite	California	Oct. 1, 1890	967,680
Zoological	District of Columbia	March 2, 1889	170

NOTES ON NATIONAL PARKS.

Antietam—Battle field of the civil war in Washington county, Maryland.

Casa Grande Ruin—Remains of a large prehistoric building near Florence, Ariz.

Chickamauga and Chattanooga—Battle fields of the civil war in the vicinity of Chattanooga, Tenn.

Crater Lake—Park contains remarkable mountain lake and fine scenery in the Cascade range, Klamath county, Oregon; may be reached from Klamath Falls or from Medford on the Southern Pacific road.

General Grant—In Fresno and Tulare counties, California; forest and mountain scenery; reached from Sanger on the Southern Pacific line.

Gettysburg—Battle field of the civil war in southeastern Pennsylvania.

Glacier—Tract of mountainous country in northern Montana with glaciers, lakes, forests and peaks.

Hot Springs Reservation—Tract of land in Garland county, Arkansas, noted for its springs of warm mineral waters.

Mesa Verde—In the extreme southwestern part of Colorado; contains pueblo and other ruins; reached from Mancos on the Rio Grande Southern road.

Mount Rainier—Mountain district in southern Washington; reached from Ashford on the Tacoma Eastern railroad and from Fairfax on the Northern Pacific road.

Platt—Tract of land containing sulphur springs in Murray county, Oklahoma; reached by Santa Fe and St. Louis & San Francisco railroads.

Rock Creek—Park in outskirts of Washington, D. C.

Sequoia—Mountain tract in Tulare county, California, containing forest of big trees; reached from Visalia.

Shiloh—Battle field of civil war in Hardin county, southern Tennessee.

Sully's Hill—On the shore of Devil's lake, North Dakota; contains elevation on which Gen. Alfred Sully with a few men withstood a band of Indians for several days in 1863; reached from Devil's Lake, Narrows and Tokio stations on the Great Northern railroad.

Vicksburg—Battle field of civil war near city of same name in Mississippi.

Wind Cave—Canyon and extensive cave in Custer county, South Dakota, twelve miles from Hot Springs, on the Northwestern and Burlington roads; in Black Hills region.

Yellowstone—Famous park in Wyoming, Montana and Idaho containing geysers and many other natural phenomena as well as beautiful mountain, lake and river scenery; reached from stations on the Northern Pacific, Burlington and Oregon Short Line roads.

Yosemite—Splendid valley in the Sierras in Mariposa county, California; reached from Merced on the Sante Fe and Southern Pacific roads by way of the Yosemite Valley railroad.

Zoological—Park in Washington, D. C., devoted to the zoological collection of the government; adjoins Rock Creek park.

PRESERVATION OF AMERICAN ANTIQUITIES.

By law approved June 8, 1906, entitled "An act for the preservation of American antiquities," the president of the United States is authorized, in his discretion, to declare by proclamation historic landmarks, historic and prehistoric structures and other objects of historic or scientific interest that are situated upon lands owned or controlled by the United States to be national monuments. Under such authority the following monuments have been created:

Name and state.	Year.	Acres.
Chaco canyon, N. M.	1907	20,520
Cinder cone,* Cal.	1907	5,120
Devil's tower, Wyo.	1906	1,152
El Morro, N. M.	1906	160
Gila cliff dwellings,* N. M.	1907	160
Gran Quivira, N. M.	1909	160
Grand Canyon,* Ariz.	1908	818,560
Jewel cave,* S. D.	1908	1,280
Lassen peak,* Cal.	1907	1,280
Lewis and Clark cavern, Mont.	1908	160
Montezuma castle, Ariz.	1906	160
Mount Olympus,* Wash.	1909	610,560
Muir woods, Cal.	1908	295
Mukuntuweap, Utah	1909	15,360
Natural bridges, Utah	1909	2,420
Navajo, Ariz.	1909	600
Oregon caves,* Ore.	1909	480
Petrified forest, Ariz.	1906	60,766
Pinnacles,* Cal.	1908	2,080
Rainbow bridge, Utah	1910	160
Shoshone cavern, Wyo.	1909	210
Sitka, Alaska	1910	57
Tonto,* Ariz.	1907	640
Tumacacori, Ariz.	1908	10
Wheeler,* Col.	1908	300

*Administered by department of agriculture; others by interior department.

NOTES ON NATIONAL MONUMENTS.

Chaco canyon—Located in San Juan and McKinley counties, New Mexico; contains extensive prehistoric communal or pueblo ruins.

Cinder cone—An elevation in Lassen county in northern California; is of importance as illustrating volcanic activity in the vicinity 200 years ago.

Devil's tower—A lofty and isolated rock in Crook county, Wyoming; is an extraordinary example of the effect of erosion in the higher mountains.

El Morro—An elevation near Wingate station on the Santa Fe railroad in New Mexico; contains prehistoric ruins and interesting rock inscriptions.

Gila cliff dwellings—In the Mogollon mountains, New Mexico; known also as the Gila Hot Springs cliff houses; are among the best preserved remains of the cliff dwellers of the southwest.

Gran Quivira—Ruined town not far from Manzano

in the central part of New Mexico; remains of large cathedral and chapel and of many houses thought to date from prehistoric times.

Grand canyon—In northwestern Arizona; greatest eroded canyon within the United States.

Jewel cave—A natural formation of scientific interest within the Black Hills national forest in Custer county, South Dakota.

Lassen peak—In national forest of same name in Shasta county, northern California; marks the southern terminus of the long line of extinct volcanoes in the Cascade range, from which one of the greatest volcanic fields in the world extends.

Lewis and Clark cavern—An extraordinary limestone cavern near Limespur, Jefferson county, Montana.

Montezuma castle—Large prehistoric ruin or cliff dwelling on Beaver creek, Arizona.

Mount Olympus—Mountain in the state of Washing; has extensive glaciers and on its slopes are the breeding grounds of the Olympic elk.

Muir woods—In Marin county, California; an extensive growth of redwood trees of great age and size; land presented to the government by William Kent of Chicago.

Mukuntuweap—Canyon in southwestern Utah through which flows the north fork of the Rio Virgin or Zion river; an extraordinary example of canyon erosion.

Natural bridges—Rock formations in southeastern Utah extending over streams or chasms; have loftier heights and greater spans than any other similar formations known; reserved as extraordinary examples of stream erosion.

Navajo—Within the Navajo Indian reservation in Arizona; includes a number of prehistoric cliff dwellings and pueblo ruins new to science.

Oregon caves—Within the Siskiyou national forest in Oregon; caves are of natural formation and of unusual scientific interest and importance.

Petrified forest—Deposits of fossilized or mineralized wood in Gila and Apache counties, Arizona.

Pinnacles—A series of natural formations of rock with a number of caves underlying them; located within Pinnacles national forest in California.

Rainbow bridge—An extraordinary natural bridge in southeastern Utah, having an arch which in form and appearance is much like a rainbow; is 309 feet high and 278 feet span; of scientific interest as an example of eccentric stream erosion.

Shoshone cavern—A cave in Big Horn county, Wyoming, of unknown extent, but of many windings and ramifications and containing vaulted chambers of large size, magnificently decorated with sparkling crystals and beautiful stalactites, and containing pits of unknown depth.

Sitka—Tract of about fifty-seven acres within public park, near Sitka, Alaska; battle ground of Russian conquest of Alaska in 1804; site of former village of Kiki-Siti tribe, the most warlike of Alaska Indians; contains numerous totem poles constructed by the Indians, recording the genealogical history of their several clans.

Tonto—Comprises two prehistoric ruins of ancient cliff dwellings in Gila county, Arizona.

Tumacacori—Ruin of an ancient Spanish mission of brick, cement and mortar in Santa Cruz county, Arizona.

Wheeler—Volcanic formations illustrating erratic erosion; in Rio Grande and Cochetopa national forests in southwestern Colorado.

PRINCIPAL SEAPORTS OF THE WORLD.

Vessel tonnage movement in the foreign trade at the principal ports of the world. From reports compiled by the bureau of statistics, department of commerce and labor, Washington, D. C.

Port.	Year.	Entered.	Cleared.
Aden, Arabia	1907	3,233,827	3,229,380
Alexandria, Egypt	1908	3,535,164	3,552,483
Antwerp, Belgium	1908	11,044,361	11,084,004
Baltimore, Md	1909	1,102,479	1,102,226
Barcelona, Spain	1907	1,932,467	1,444,923
Bilbao, Spain	1907	2,389,109	2,248,632
Bombay, India	1907	1,780,944	1,505,789
Bordeaux, France	1907	1,342,303	1,312,117
Boston, Mass	1909	2,852,016	1,981,812
Bremen, Germany	1908	1,196,612	1,132,781
Bremerhaven, Germany	1908	2,038,973	1,964,920
Buenos Aires, Arg. Rep	1907	4,743,585	3,983,133
Calcutta, India	1907	1,618,390	1,492,191
Cape Town, Cape Good Hope	1908	1,709,062	1,600,824
Cardiff, Wales	1908	6,027,897	8,850,000
Colombo, Ceylon	1908	6,527,286	6,543,625
Constantinople, Turkey	1907	*14,985,000	.....
Copenhagen, Denmark	1907	2,984,000	3,198,000
Dunkirk, France	1907	1,705,520	1,935,469
Galveston, Texas	1909	1,094,400	1,339,337
Genoa, Italy	1907	5,469,397	5,234,216
Gibraltar	1908	4,586,142	4,570,859
Glasgow, Scotland	1908	1,944,520	3,118,366
Hamburg, Germany	1908	10,895,113	10,756,913
Havana, Cuba	1908	4,250,095	4,223,979
Havre, France	1907	3,318,366	3,163,883
Hongkong (Victoria)	1908	10,042,992	10,039,857
Hull, England	1908	3,249,121	2,818,239
Kobe, Japan	1908	5,333,826	5,226,076
Liverpool, England	1908	7,973,123	6,901,594
London, England	1908	11,194,073	8,487,841
Marseilles, France	1907	6,773,130	6,785,000
Melbourne, Australia	1908	530,200	196,419
Moji, Japan	1908	4,461,178	4,418,616
Montreal, Canada	1909	1,357,948	1,361,689
Nagasaki, Japan	1908	2,683,875	2,685,269
Naples, Italy	1907	5,118,699	5,190,967
Newcastle, Australia	1908	826,220	1,170,423
New Orleans, La	1909	2,017,854	2,168,816
New York, N. Y.	1909	12,528,723	11,866,413
Odessa, Russia	1907	1,439,092	1,407,157
Philadelphia, Pa	1909	2,274,625	2,225,386
Puget Sound, Wash	1909	1,926,167	2,068,524
Riga, Russia	1907	1,251,920	1,323,283
Rio de Janeiro, Brazil	1907	3,377,451	3,362,052
Rotterdam, Holland	1908	8,595,314	8,002,307
St. Petersburg, Russia	1907	1,476,110	1,477,648
San Francisco, Cal	1909	905,596	868,937
Santos, Brazil	1907	2,407,039	2,390,733
Shanghai, China	1906	4,332,018	4,090,027
Singapore, Straits Sts	1908	*13,933,205	.....
Sydney, Australia	1908	842,919	750,129
Tampico, Mexico	1908	1,257,143	1,238,718
Trieste, Austria	1908	2,587,992	2,493,433
Valetta, Malta	1908	4,036,752	4,027,000
Valparaiso, Chile	1905	1,749,000	1,720,000
Vera Cruz, Mexico	1908	1,703,123	1,755,341
Vladivostok, Russia	1907	639,775	639,156

*Total entered and cleared.

DISTANCE OF VISIBILITY OF OBJECTS ON THE LAKES.

[From "List of Lights and Fog Signals" issued by the United States lighthouse board.]

Height, feet.	Dist., miles.	Height, feet.	Dist., miles.	Height, feet.	Dist., miles.
5	2.96	70	11.07	250	20.92
10	4.18	75	11.46	300	22.91
15	5.12	80	11.83	350	24.75
20	5.92	85	12.20	400	26.46
25	6.61	90	12.55	450	28.06
30	7.25	95	12.89	500	29.58
35	7.83	100	13.23	550	31.02
40	8.37	110	13.87	600	32.40
45	8.87	120	14.49	650	33.73
50	9.35	130	15.08	700	35.00
55	9.81	140	15.65	800	37.42
60	10.25	150	16.20	900	39.69
65	10.67	200	18.71	1,000	41.83

The distances of visibility given in the above table are those from which an object may be seen by an observer whose eye is at the lake level; in practice, therefore, it is necessary to add to these a distance of visibility corresponding to the height of the observer's eye above lake level.

ELECTION CALENDAR.

GENERAL STATE ELECTIONS.

(Gubernatorial if not otherwise specified.)

Alabama—Every fourth year. Next election Nov. 3, 1914.

Arkansas—Biennially; second Tuesday in September. Next election Sept. 10, 1912.

California—Every fourth year. Next election Nov. 3, 1914.

Colorado—Biennially. Next election Nov. 5, 1912.

Connecticut—State officers, except attorney-general, biennially; attorney-general quadrennially. Next election Nov. 5, 1912.

Delaware—Every fourth year. Next election Nov. 5, 1912.

Florida—Every fourth year. Next election Nov. 5, 1912.

Georgia—Biennially; first Monday in October. Next election Oct. 7, 1912.

Idaho—Biennially. Next election Nov. 5, 1912.

Illinois—Governor, lieutenant-governor, secretary of state, auditor and attorney-general every fourth year. Next election Nov. 5, 1912. State treasurer biennially. Next election Nov. 5, 1912.

Indiana—Governor, every fourth year. Next election Nov. 5, 1912. Other state officers biennially. Next election Nov. 5, 1912.

Iowa—Governor, lieutenant-governor, superintendent of instruction, one justice of the Supreme court and one railroad commissioner biennially. Next election Nov. 5, 1912. Other state officers biennially in the alternate years. Next election Nov. 7, 1911.

Kansas—Biennially. Next election Nov. 5, 1912.

Kentucky—Every fourth year. Next election Nov. 7, 1911.

Louisiana—Every fourth year; third Tuesday in April. Next election April 16, 1912.

Maine—Biennially; second Monday in September. Next election Sept. 9, 1912.

Maryland—Every fourth year. Next election Nov. 7, 1911.

Massachusetts—Annually. Next election Nov. 7, 1911.

Michigan—Biennially. Next election Nov. 5, 1912.

Minnesota—Biennially. Next election Nov. 5, 1912.

Mississippi—Every fourth year. Next election Nov. 7, 1911.

Missouri—Principal state officers every fourth year. Next election of governor, lieutenant-governor, secretary of state, auditor, treasurer and attorney-general Nov. 5, 1912.

Montana—Every fourth year. Next election Nov. 5, 1912.

Nebraska—Biennially. Next election Nov. 5, 1912.

Nevada—Every fourth year. Next election Nov. 3, 1914.

New Hampshire—Biennially. Next election Nov. 5, 1912.

New Jersey—Governor every third year, other officers appointed. Next election Nov. 4, 1913.

New York—Biennially. Next election Nov. 5, 1912.

North Carolina—Every fourth year. Next election Nov. 5, 1912.

North Dakota—Biennially. Next election Nov. 5, 1912.

Ohio—Governor, lieutenant-governor, state treasurer and attorney-general biennially. Next election Nov. 8, 1911. Secretary of state and dairy and food commissioner biennially. Next election Nov. 5, 1912. Auditor every fourth year. Next election Nov. 7, 1911.

Oklahoma—Every three years. Next election Nov. 4, 1913.

Oregon—Every fourth year; first Monday in June. Next election June 1, 1914.

Pennsylvania—Governor, lieutenant-governor and secretary of internal affairs every fourth year. Next election Nov. 3, 1914. State treasurer biennially. Next election Nov. 7, 1911. Other officials appointed.

Rhode Island—Annually. Next election Nov. 7, 1911.

South Carolina—Biennially. Next election Nov. 5, 1912.

South Dakota—Biennially. Next election Nov. 5, 1912.

Tennessee—Biennially. Next election Nov. 5, 1912.

Texas—Biennially. Next election Nov. 5, 1912.

Utah—Every fourth year. Next election Nov. 5, 1912.

Vermont—Biennially; first Tuesday in September. Next election Sept. 3, 1912.

Virginia—Every fourth year. Next election Nov. 4, 1913.

Washington—Every fourth year. Next election Nov. 5, 1912.

West Virginia—Every fourth year. Next election Nov. 5, 1912.

Wisconsin—Biennially. Next election Nov. 5, 1912.

Wyoming—Every fourth year. Next election Nov. 3, 1914.

CHICAGO, COOK COUNTY AND ILLINOIS.

FIRST TUESDAY IN APRIL.

Aldermen in Chicago (one from each ward) annually. Next election April 4, 1911.

Mayor quadrennially, treasurer and city clerk biennially. Next election of mayor April 4, 1911; of treasurer and city clerk April 4, 1911.

Town officers, officers in cities containing one or more towns and officers in villages whose boundaries coincide with the boundaries of a town, annually. Next election April 4, 1911.

THIRD TUESDAY IN APRIL.

Officers of cities organized under the general law (except such as contain within their limits one or more townships) annually. Next election April 18, 1911.

Officers of villages organized under the general law (except where territorial limits coincide with the territorial limits of a township) annually. Next election April 18, 1911.

FIRST MONDAY IN JUNE.

Judges of the Circuit court (fourteen in Cook county) every sixth year, counting from 1873. Next election in 1915.

One judge of the Superior court of Cook county every sixth year, counting from 1897. Next election in 1915.

Judges of the Supreme court of the state, 5th district, every ninth year, counting from 1873 (next election in 1918), from the 4th district every ninth year, counting from 1876 (next election in 1912); from the 1st, 2d, 3d, 6th and 7th districts every ninth year, counting from 1879 (next election in 1915).

FIRST TUESDAY AFTER FIRST MONDAY IN NOVEMBER.

Presidential electors, governor, lieutenant-governor, secretary of state, auditor, attorney-general, state senators in even-numbered districts, members of the state board of equalization, clerk of the Superior court and recorder of deeds in Cook county, clerks of the Circuit courts, state's attorneys, county surveyors and county coroners every fourth year, counting from 1872. Next election Nov. 5, 1912.

State treasurer, representatives in congress, representatives in the general assembly and three trustees of the University of Illinois every second year, counting from 1872. Next election Nov. 5, 1912.

Clerk of the state Supreme court every sixth year, counting from 1903. Next election Nov. 3, 1914.

Clerks of the Appellate courts every sixth year, counting from 1878. Next election Nov. 3, 1914.

Clerk of Criminal court every fourth year, counting from 1886. Next election Nov. 3, 1914.

Superintendent of public instruction, state senators in odd-numbered districts, clerk of the Criminal court in Cook county, county clerks, county judges, county treasurers, county superintendents of schools and sheriffs every fourth year, counting from 1874. Next election Nov. 3, 1914.

President and fifteen members of the Cook county board biennially. Next election Nov. 5, 1912.

Five members of the board of assessors in Cook

county every second year as terms (six years) expire. Two will be elected Nov. 5, 1912.

Three members of the board of review in Cook county every second year as terms (six years) expire. Next election Nov. 5, 1912.

Eleven judges of the Superior court of Cook county as terms (six years) expire. Four will be elected Nov. 7, 1911, one in 1913 and six in 1916.

Nine sanitary district trustees in Cook county as terms expire. Three are elected every other year. Next election Nov. 5, 1912. Next president to be elected in 1916.

Twenty-seven judges, one chief justice, one clerk and one bailiff of the Municipal court as terms expire. Nine judges and the chief justice, clerk and bailiff will be elected Nov. 5, 1912.

ELECTORAL VOTE BY STATES (1896-1908).

STATE.	1908.		1904.		1900.		1896.	
	Taft, R.	Bryan, D.	Roosevelt, R.	Parker, D.	McKinley, R.	Bryan, D.	McKinley, R	Bryan, D.
Alabama	....	11	....	11	....	11	....	11
Arkansas	....	9	....	9	....	8	....	8
California	10	....	10	....	9	....	8	1
Colorado	....	5	5	....	....	4	....	4
Connecticut	7	....	7	....	6	....	6	....
Delaware	3	....	3	....	3	....	3	....
Florida	....	5	....	5	....	4	....	4
Georgia	....	13	....	13	....	13	....	13
Idaho	3	....	3	....	....	3	....	3
Illinois	27	....	27	....	24	....	24	....
Indiana	15	....	15	....	15	....	15	....
Iowa	13	....	13	....	13	....	13	....
Kansas	10	....	10	....	10	....	....	10
Kentucky	....	13	....	13	....	13	12	1
Louisiana	....	9	....	9	....	8	....	8
Maine	6	....	6	....	6	....	6	....
Maryland	2	6	1	7	8	....	8	....
Massachusetts	16	....	16	....	15	....	15	....
Michigan	14	....	14	....	14	....	14	....
Minnesota	11	....	11	....	9	....	9	....
Mississippi	....	10	....	10	....	9	....	9
Missouri	18	....	18	....	....	17	....	17
Montana	3	....	3	....	....	3	....	3
Nebraska	....	8	8	....	8	....	....	8
Nevada	....	3	3	....	....	3	....	3
New Hampshire	....	4	....	4	....	....	4	....
New Jersey	12	....	12	....	10	....	10	....
New York	39	....	39	....	36	....	36	....
North Carolina	....	12	....	12	....	11	....	1
North Dakota	4	....	4	....	3	....	3	....
Ohio	23	....	23	....	23	....	23	....
Oklahoma	....	7	....	....	....	....	....	....
Oregon	4	....	4	....	4	....	4	....
Pennsylvania	34	....	34	....	32	....	32	....
Rhode Island	4	....	4	....	4	....	4	....
South Carolina	....	9	....	9	....	9	....	9
South Dakota	4	....	4	....	4	....	....	4
Tennessee	....	12	....	12	....	12	....	12
Texas	....	18	....	18	....	15	....	15
Utah	3	....	3	....	3	....	....	3
Vermont	4	....	4	....	4	....	4	....
Virginia	....	12	....	12	....	12	....	12
Washington	5	....	5	....	4	....	....	4
West Virginia	7	....	7	....	6	....	6	....
Wisconsin	13	....	13	....	12	....	12	....
Wyoming	3	....	3	....	3	....	....	3
Total	321	162	336	140	292	155	271	171

COLLEGE COLORS.

Amherst—Purple and white.
Beloit—Old gold.
Bowdoin—White.
Brown—Brown and white.
Columbia—Light blue and white.
Cornell—Carnelian and white
Dartmouth—Green.
Harvard—Crimson.
Indiana—Crimson and cream.
Iowa—Scarlet and black.
Iowa State—Cardinal and gold.
Johns Hopkins—Black and old gold.
Lake Forest—Red and black.
Leland Stanford—Cardinal.
Northwestern—Royal purple.
Oberlin—Crimson and gold.
Princeton—Orange and black.
Purdue—Old gold and black.
University of Chicago—Maroon.
University of Illinois—Orange and navy blue.
University of Michigan—Maize and blue.
University of Minnesota—Old gold and maroon.
University of Notre Dame—Gold and blue.
University of Pennsylvania—Red and blue.
University of Rochester—Dandelion yellow.
University of Wisconsin—Cardinal.
Vassar—Rose and gray.
Williams—Royal purple.
Yale—Blue.

CHICAGO HIGH SCHOOL COLORS.

Austin—Red and white.
Bowen, James H.—Purple and gold.
Calumet—Maroon and light blue.
Carl Schurz—Purple and gold.
Crane, Richard T.—Crimson and royal blue.
Curtis, George W.—Red and green.
Englewood—Purple and white.
Farragut—Red and white.
Hyde Park—Blue and white.
Jefferson—Purple and gold.
Lake—Old blue and gold.
Lake View—Red and white.
Lane Technical—Myrtle green and old gold.
Marshall—Maroon and old gold.
McKinley—Orange and black.
Medill—Maroon and white.
Phillips, Wendell—Red and black.
South Chicago—Purple and gold.
Tuley—Old gold and blue.
Waller, Robert A.—Royal blue and yellow.

UNITED STATES LIGHTHOUSE ESTABLISHMENT.

[From report of light-house board for the year 1909.]

There are under control of the United States lighthouse establishment the following aids to navigation:

Lighthouses and beacon lights	1,580
Light vessels in position	53
Light vessels for relief	12
Gas-lighted buoys	162
Fog signals	506
Post lights, about	2,333
Day marks	1,063
Buoys on station	5,810

There are 3,137 light keepers, assistant keepers and laborers attending lights and 2,062 other employes connected with the service. The main items of regular expenses in 1909 were as follows:

Supplies of lighthouses	$553,968
Repairs of lighthouses	745,695
Salaries of keepers	1,063,342
Expenses of light vessels	678,672
Expenses of buoyage	564,871
Expenses of fog signals	175,299
Lighting of rivers	346,449

There are, of course, many other items of expense not enumerated in this list, such as for new lighthouse sites and new undertakings of various kinds. The total expense in 1909 was $6,183,608.18.

The executive members of the lighthouse board in 1909 were: Capt. Adolph Marix, U. S. N.; Capt. H. T. Mayo, U. S. N.; Lieut.-Col. Thomas L. Casey, U. S. A. The secretary of commerce and labor is ex-officio president of the board.

LEGAL HOLIDAYS IN THE UNITED STATES.

Alabama—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; Mardi Gras (the day before Ash Wednesday, first day of Lent); Good Friday (the Friday before Easter); April 26 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); July 4; Labor day (first Monday in September); Thanksgiving day (last Thursday in November); Dec. 25.

Alaska—Jan. 1; Feb. 22; May 30 (Memorial day); July 4; Thanksgiving day; Dec. 25.

Arizona—Jan. 1; Arbor day (first Monday in February); Feb. 22; May 30; July 4; general election day; Thanksgiving day; Dec. 25.

Arkansas—Jan. 1. Feb. 22; July 4; Thanksgiving day; Dec. 25.

California—Jan. 1; Feb. 22; May 30; July 4; Sept. 9 (Admission day); Labor day (first Monday in September); general election day in November; Thanksgiving day; Dec. 25.

Colorado—Jan. 1; Feb. 22; Arbor and School day (third Friday in April); May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon from June 1 to Aug. 31 in the city of Denver.

Connecticut—Jan. 1; Feb. 12 (Lincoln's birthday); Feb. 22; Good Friday; May 30; July 4; Labor day (first Monday in September); Thanksgiving day; Dec. 25.

Delaware—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.

District of Columbia—Jan. 1; Feb. 22; March 4 (Inauguration day); May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.

Florida—Jan. 1; Jan. 19 (Lee's birthday); Arbor day (first Friday in February); Feb. 22; April 26 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); July 4; first Monday in September; Thanksgiving day; general election day; Dec. 25.

Georgia—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; April 26 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); July 4; first Monday in September; Thanksgiving day; Arbor day (first Friday in December); Dec. 25.

Idaho—Jan. 1; Feb. 22; Arbor day (first Friday after May 1); July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.

Illinois—Jan. 1; Feb. 12 (Lincoln's birthday); Feb. 22; May 30; July 4; Labor day (first Monday in September); Oct. 12 (Columbus day); general, state, county and city election days; Saturday afternoons; Thanksgiving day; Dec. 25; Arbor, Bird and Flag days are appointed by the governor.

Indiana—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.

Indian Territory—July 4; Dec. 25.

Iowa—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.

Kansas—The only holidays by statute are Feb. 12; Feb. 22; May 30; Labor day (first Monday in September) and Arbor day; but the days commonly observed in other states are holidays by common consent.

Kentucky—Jan. 1; Feb. 22; May 30; first Monday in September; Thanksgiving day; general election day; Dec. 25.

Louisiana—Jan. 1; Jan. 8 (anniversary of the battle of New Orleans); Feb. 22; Mardi Gras (day before Ash Wednesday); Good Friday (Friday before Easter); April 26 (Confederate Memorial day); July 4; Nov. 1 (All Saints' day); general election day; fourth Saturday in November (Labor day, in the parish of New Orleans only); Dec. 25; every Saturday afternoon in New Orleans.

Maine—Jan. 1; Feb. 22; Good Friday; May 30; July 4; Labor day; Thanksgiving day; Dec. 25.

Maryland—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; Sept. 12 (Defenders' day); general election day; Dec. 25; every Saturday afternoon.

Massachusetts—Feb. 22; April 19 (Patriots' day); May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.

Michigan—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.

Minnesota—Jan. 1; Feb. 12; Feb. 22; Good Friday (Friday before Easter); May 30; July 4; first Monday in September; Thanksgiving day; general election day; Dec. 25; Arbor day (as appointed by the governor).

Mississippi—First Monday in September; by common consent July 4, Thanksgiving day and Dec. 25 are observed as holidays.

Missouri—Jan. 1; Feb. 22; May 30; July 4; Labor day; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon in cities of 100,000 or more inhabitants.

Montana—Jan. 1; Feb. 22; Arbor day (third Tuesday in April); May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; any day appointed by the governor as a fast day.

Nebraska—Jan. 1; Feb. 22; Arbor day (April 22); May 30; July 4; first Monday in September; Thanksgiving day; Dec. 25.

Nevada—Jan. 1; Feb. 22; July 4; Thanksgiving day; Dec. 25.

New Hampshire—Feb. 22; fast day appointed by the governor; May 30; July 4; first Monday in September; Thanksgiving day; general election day; Dec. 25.

New Jersey—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving and fast days, and every Saturday afternoon.

New Mexico—Jan. 1; July 4; Thanksgiving and fast days; Dec. 25; Decoration, Labor and Arbor days appointed by the governor.

New York—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving and fast days; Dec. 25; every Saturday afternoon.

North Carolina—Jan. 1; Jan. 19 (Lee's birthday); May 10 (Confederate Memorial day); May 20 (anniversary of the signing of the Mecklenburg declaration of independence); July 4; state election day in August; first Thursday in September (Labor day); Thanksgiving day; Dec. 25; every Saturday afternoon.

North Dakota—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; Arbor day (when appointed by the governor); general election day; Thanksgiving day; Dec. 25.

Ohio—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon in cities of 50,000 or more inhabitants.

Oklahoma—Jan. 1; Feb. 22; May 30; July 4; general election day; Thanksgiving day; Dec. 25.

Oregon—Jan. 1; Feb. 22; May 30; first Saturday in June; July 4; first Monday in September; general election day; Thanksgiving day; public fast day; Dec. 25.

Pennsylvania—Jan. 1; Feb. 12; Feb. 22; May 30; Good Friday; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon.

Philippines—Jan. 1; Feb. 22; Thursday and Friday of Holy week; July 4; Aug. 13; Thanksgiving day; Dec. 25; Dec. 30.

Porto Rico—Jan. 1; Feb. 22; Good Friday; May 30; July 4; July 25 (Landing day); Thanksgiving day; Dec. 25.

Rhode Island—Jan. 1; Feb. 22; second Friday in May (Arbor day); May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.

South Carolina—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; May 10 (Confederate Memorial day); June 3 (Jefferson Davis' birthday); general election day; Thanksgiving day; Dec. 25, 26, 27.

South Dakota—Same as in North Dakota.

Tennessee—Jan. 1; Good Friday; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25; every Saturday afternoon.

Texas—Jan. 1; Feb. 22 (Arbor day); March 2 (anniversary of Texas independence); April 21

(anniversary of battle of San Jacinto); July 4; first Monday in September; general election day; appointed fast days; Thanksgiving day; Dec. 25.
Utah—Jan. 1; Feb. 22; April 15 (Arbor day); May 30; July 4; July 24 (Pioneer day); first Monday in September; Thanksgiving day and appointed fast days; Dec. 25.
Vermont—Jan. 1; Feb. 22; May 30; July 4; Aug. 16 (Bennington Battle day); Labor day; Thanksgiving day; Dec. 25.
Virginia—Jan. 1; Jan. 19 (Lee's birthday); Feb. 22; July 4; first Monday in September; Thanksgiving and appointed fast days; Dec. 25; every Saturday afternoon.
Washington—Jan. 1; Feb. 12 (Lincoln's birthday); Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
West Virginia—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; Labor day; general election day; Thanksgiving day; Dec. 25.
Wisconsin—Jan. 1; Feb. 22; May 30; July 4; first Monday in September; general election day; Thanksgiving day; Dec. 25.
Wyoming—Jan. 1; Feb. 12; Feb. 22; May 30; July 4; first Monday in September; general election day; Dec. 25.

The national holidays, such as July 4, New Year's, etc., are such by general custom and observance and not because of congressional legislation. Congress has passed no laws establishing holidays for the whole country. It has made Labor day a holiday in the District of Columbia, but the law is of no effect elsewhere.

DESTRUCTIVE FLOOD IN PARIS.

Paris, France, was visited by the most destructive flood in the history of the city between Jan. 20 and Feb. 5, 1910. The Seine rose thirty-one feet six inches above the normal level at Pont Royal, or nearly a foot higher than in 1615, the year of the worst previous flood. The total damage to property in the city and country was roughly estimated at $200,000,000 and between 150,000 and 200,000 persons were made temporarily homeless. Snows and long-continued rains had saturated the valleys of the Marne and the Seine and the narrow channel of the latter river, which runs through the heart of Paris, was unable to carry away the immense volume of water poured into it. The result was that the lower parts of the city to the extent of many square miles on each side of the stream and several of the suburbs were inundated, the houses in some instances being completely submerged. Few lives were lost, soldiers and policemen rescuing those who were in peril. The rise of the water was comparatively slow, allowing nearly everybody not only to reach places of safety but to save considerable personal property.

Much of the damage done was caused by the backing up of the water in the sewers, flooding cellars, destroying pavements and weakening the foundations of buildings. In the Seine the water rose almost to the roof of the bridge arches and the danger of collapse was so great that eight of the twenty-four bridges had to be temporarily closed to traffic. The docks were badly washed out and a great deal of property along the quays was carried away. For a time it was feared that some of the historic and monumental buildings of Paris, such as the Louvre, the opera house, Sainte Chapelle, Notre Dame cathedral and the Madeleine, would be irreparably damaged, but fortunately this did not prove to be the case. No art treasures of any kind were lost. The basements of the public buildings on the Isle de la Cite were flooded and the old Latin quarter and the Champs de Mars were submerged. The Place de la Concorde and a portion of the Champs Elysees were made impassable and one side of the Place de l'Opera in the very center of the city had to be roped off on account of the caving in of the sidewalk. The sinking of pavements on account of the collapse of sewers was common and many thoroughfares had to be closed. A great part of the subway system was put out of commission and transportation from one part of the city to another was made even more difficult by the flooding of many of the street-car and omnibus routes. Railroad lines also suffered severely and suburban traffic was brought almost to a standstill. The St. Lazare station could scarcely be approached, and only the Gare du Nord was unaffected. This crippling of the railroad communications made the bringing in of provisions difficult and for a few days the prospect of famine prices for food was faced. Fortunately the situation in this respect did not become serious.

Electric and gas-lighting plants were interfered with and the postal service was disorganized. Telegraph lines were crippled in some directions, but communication with the outside world was kept open by means of roundabout lines. Some of the hospitals were flooded to such an extent that the patients had to be removed at the cost of much suffering. Distress among those who were compelled to leave their homes was great until relief measures could be taken to provide food and shelter. The Red Cross society, the Association of French Women, the local and national authorities and individuals worked energetically and successfully to help the destitute, special attention being given to women and children. By Feb. 7 the contributions from foreign sources amounted to more than $800,000 and this sum was largely increased later on.

MEMBERS OF THE FRENCH ACADEMY.

Name.	Elected.
Ollivier, Emile, b. 1825	1870
Mezieres, Alfred, b. 1826	1874
Haussonville, Comte de, b. 1843	1888
Claretie, Jules, b. 1840	1888
Freycinet, Charles de, b. 1828	1890
Loti-Viaud, Pierre, b. 1850	1891
Lavisse, Ernest, b. 1842	1892
Thureau-Dangan, Paul, b. 1837	1893
Houssaye, Henri, b. 1848	1894
Bourget, Paul, b. 1852	1894
Lemaitre, Jules, b. 1853	1895
France, Anatole, b. 1844	1896
Mun, Albert, Comte de, b. 1841	1897
Hanotaux, Gabriel, b. 1853	1897
Lavedan, Henri, b. 1859	1898
Deschanel, Paul, b. 1856	1899
Hervieu, Paul, b. 1857	1899
Faguet, Emile, b. 1841	1900
Rostand, Edmond, b. 1868	1901
Vogue, Charles de, b. 1829	1901
Bazin, Rene, b. 1853	1903
Masson, Frederick, b. 1847	1903
Lamy, Etienne, b. 1845	1905
Barres, Maurice, b. 1862	1906
Ribot, Alexandre, b. 1842	1906
Donnay, Maurice, b. 1866	1907
Segur, Marquis Anatole de, b. 1825	1907
Barboux, Henri, b. 1834	1907
Charmes, Francis, b. 1848	1908
Poincare, Henri, b. 1850	1908
Richepin, Jean, b. 1849	1908
Doumic, Rene, b. 1860	1909
Prevost, Marcel, b. 1862	1909
Aicard, Jean, b. 1848	1909
Brieux, Eugene, b. 1858	1909
Poincare, Raymond, b. 1850	1909
Duchesne, Mgr., b. 1848	1910

The Academie Francaise, or French academy, was instituted in 1635. It is a part of the Institute of France and its particular function is to conserve the French language, foster literature and encourage genius.

WEIGHTS OF DIAMONDS AND FINENESS OF GOLD.

The weight of diamonds and other precious stones is expressed in carats, grains and quarter-grains. The grains are pearl grains, one of which is equal to four-fifths of a troy grain. Four quarter-grains make one grain and four grains make one carat. A carat is therefore equal to four-fifths of four troy grains, or 3.2.

The fineness of gold is also expressed in carats. Pure gold is said to be twenty-four carats fine. If it contains eight parts of a baser metal or alloy it is only sixteen carats fine. The carats therefore indicate the proportion of pure gold to alloy. Most of the gold used by jewelers is about fourteen carats fine, having ten parts of alloy.

MERCHANT MARINE OF THE UNITED STATES.

[From the reports of the bureau of navigation.]

YEAR.	IN FOREIGN TRADE.		IN COASTWISE TRADE.		WHALE FISHERIES.		COD AND MACKEREL FISHERIES.	Total.	Annual inc. (+) or dec.(—)
	Steam.	Total.	Steam.	Total.	Steam.	Total.			
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Per cent.
1860	97,296	2,379,396	770,641	2,644,867	.....	166,841	162,764	5,353,868	+ 4.06
1870	192,544	1,448,846	882,551	2,638,247	.....	67,954	91,460	4,246,507	+ 2.41
1880	146,604	1,314,402	1,064,354	2,637,686	.....	38,408	77,538	4,068,034	— 2.43
1890	192,705	928,062	1,661,458	3,409,435	4,925	18,635	68,367	4,424,497	+ 2.71
1900	357,356	816,796	2,289,925	4,286,516	3,986	9,899	51,629	5,164,839	+ 6.18
1901	426,259	879,395	2,491,231	4,582,645	3,463	9,534	52,444	5,524,218	+ 6.96
1902	455,017	873,235	2,718,049	4,858,714	3,808	9,320	56,633	5,797,902	+ 4.95
1903	523,602	879,264	2,880,678	5,141,037	3,808	9,512	57,532	6,087,345	+ 4.99
1904	549,938	888,628	3,041,262	5,355,164	4,218	10,140	57,603	6,291,535	+ 3.25
1905	596,594	943,750	3,140,314	5,441,688	4,526	10,763	60,342	6,456,543	+ 2.62
1906	586,749	928,466	3,384,002	5,674,044	4,536	11,020	61,439	6,674,969	+ 3.38
1907	598,155	861,466	3,864,210	6,010,601	3,970	9,690	57,047	6,988,794	+ 3.95
1908	595,147	930,413	4,099,045	6,371,862	3,590	9,655	53,515	7,365,445	+ 6.15
1909	575,226	878,523	4,157,557	6,451,042	3,300	8,952	50,208	7,388,755	+ 0.32

VESSELS BUILT IN THE UNITED STATES.

[From the reports of the bureau of navigation.]

YEAR.	New England coast.		On entire seaboard.		Mississippi and tributaries.		On great lakes.		Total.	
	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.
1890	208	78,577	756	169,091	104	16,506	191	108,526	1,051	294,123
1900	199	72,179	1,107	249,006	215	14,173	125	130,611	1,447	393,790
1901	201	82,971	1,094	291,516	311	22,888	175	169,085	1,580	483,489
1902	225	75,851	1,197	290,122	161	9,836	133	168,873	1,491	468,831
1903	203	66,973	1,038	288,196	150	11,112	123	135,844	1,311	436,152
1904	170	51,417	878	208,288	187	10,821	119	159,433	1,184	378,542
1905	192	119,377	823	230,716	178	6,477	101	93,123	1,102	330,316
1906	146	32,311	850	146,883	167	6,591	204	265,271	1,221	418,745
1907	106	44,428	815	219,753	165	7,388	177	244,291	1,157	471,332
1908	151	70,903	1,034	266,937	207	6,114	216	341,165	1,457	614,216
1909	130	27,237	866	131,748	207	5,940	174	100,402	1,247	238,090

DISASTERS TO SHIPPING.

On and near the coasts and on the rivers of the United States and American vessels at sea and on the coasts of foreign countries.

YEAR.	Wrecks*	Lives lost.	Loss on vessels.	Loss on cargoes.	YEAR.	Wrecks*	Lives lost.	Loss on vessels.	Loss on cargoes.
1888	1,534	553	$6,811,440	$3,571,290	1899	1,574	742	$8,932,835	$2,451,905
1889	1,526	656	9,578,195	2,446,605	1900	1,234	252	7,186,990	3,350,500
1890	1,470	556	7,653,480	2,172,595	1901	1,265	437	6,965,160	2,119,335
1891	1,475	448	6,034,695	2,593,010	1902	1,359	531	8,824,820	2,309,335
1892	1,556	646	7,386,675	2,577,570	1903	1,172	351	6,820,790	1,601,520
1893	1,481	401	7,763,995	2,003,855	1904	1,182	1,454	7,011,775	1,722,210
1894	1,653	803	8,576,885	2,158,655	1905	1,209	267	8,187,500	2,263,795
1895	1,496	704	7,530,540	1,944,510	1906	1,326	499	10,089,610	2,245,305
1896	1,392	369	6,485,595	2,018,140	1907	1,670	624	13,709,915	3,062,110
1897	1,206	299	6,442,175	1,731,765	1908	1,341	374	9,555,825	2,152,156
1898	1,191	743	10,728,250	1,740,515	1909	1,317	403	9,239,690	3,328,225

*Total or partial.

CANALS IN THE UNITED STATES (1906).

[From census bureau report.]

State and name.	Op'd.	Length (miles).	Width (feet). Surface.	Bottom.	Depth (feet).	Locks (No.).	Cost.*
Alabama—Black Warrior	1889	91.00	....	...	6.5	7	$2,223,883
Coosa	1888	25.00	....	...	4	3	1,040,928
Arkansas—Upper White	....	9.00	....	...	5	2	684,110
Delaware—Chesapeake and Delaware	1829	29.63	60	40	10	3	5,000,000
Georgia—Augusta	1847	9.00	150	106	11	1	2,090,263
Illinois—Drainage	1900	34.00	244	158	22	...	52,697,495
Galena	1894	2.00	....	...	2	1	100,000
Illinois and Michigan	1848	96.00	60	30	8	18	9,194,498
Illinois and Mississippi	1895	4.50	....	...	7	3	547,230
Illinois (LaSalle-Grafton)	1889	227.00	....	...	7	4	2,963,706
Wabash	1893	12.00	....	...	3.5	1	130,000
Iowa—Des Moines Rapids	1877	12.00	250	...	5	3	4,666,889
Canalized rivers	....	1,520.40	....	...	....	138	42,886,978
Kentucky—Big Sandy	1889	27.00	....	...	6	3	1,091,108
Green and Barren	1889	213.00	....	...	5	7	661,635
Kentucky	1889	200.00	....	...	5	11	2,798,922
Louisville and Portland	1830	2.40	....	...	12	4	5,856,230
Rough	1896	29.50	....	...	6	1	104,899

State and name.	Op'd.	Length (miles).	Width (feet). Surface.	Bottom.	Depth (feet).	Locks (No.).	Cost.*
Louisiana—Campany's	1847	95.00	60	45	5.5	1	500,000
Harvey's	1830	5.35	70	65	6	1	400,000
Lake Borne	1900	7.00	100	85	6	1	350,000
New Basin	1835	7.50	100	90	9	...	2,000,000
Old Basin	1794	7.00	60	40	7	...	150,000
Maryland—Chesapeake and Ohio	1850	185.00	68	31	6	75	14,000,000
Michigan—Lake Superior	1873	7.75	120	...	20	...	4,246,728
St. Clair Flats	1889	1.19	...	...	20	...	1,035,577
St. Mary's	1855	1.60	160	...	25	2	8,000,000
New Jersey—Delaware	1838	66.00	60	30	9	4	5,113,749
Morris	1836	106.00	50	30	5	32	6,000,000
New York—Black river	1849	42.00	42	28	4	109	3,964,000
Cayuga	1839	24.77	70	56	7	10	2,232,632
Champlain	1822	81.00	50	35	6	23	†
Delaware and Hudson	1828	9.00	50	30	7	10	65,000
Erie and branches	1825	355.13	70	56	7	72	65,402,033
Oswego	1828	38.00	70	56	7	18	5,161,793
North Carolina—Fairfield	1868	4.00	26	26	7	...	60,000
Newbern	1882	5.00	....	...	5	...	35,000
Ohio—Miami	1835	269.00	50	35	5	95	8,062,680
Muskingum	1840	70.00	....	...	7	10	2,121,738
Ohio and branches	1835	326.00	40	26	4	144	7,904,971
Oregon—Columbia	1889	4.50	....	...	8	2	3,816,394
Government canals	....	78.19	....	...	....	12	26,524,588
Portland General Electric	1873	0.75	75	55	6	5	750,000
Yamhill	1900	18.00	....	...	5	1	202,620
Pennsylvania—Allegheny	1903	26.00	....	...	6	3	1,124,768
Lehigh Coal	1821	108.00	44	18	6	91	7,066,459
Monongahela	1888	89.00	....	...	5.4	12	3,954,466
Ohio	1885	36.50	....	...	6	6	4,668,561
Schuylkill	1826	89.88	58	40	6	55	11,018,875
South Carolina—Congaree	1906	2.00	....	...	5	1	221,238
Esterville-Miami	1906	5.00	90	...	6	...	172,175
Fenwick's Island	1906	0.33	90	...	7	...	50,000
Tennessee—Cumberland	1889	76.50	....	...	6	3	2,232,637
Tennessee	1889	18.00	....	...	5	2	3,191,726
Texas—Galveston	1853	29.50	37½	...	3	...	369,698
Morgan	1876	5.43	180	...	17	...	271,975
Morris	1873	9.00	100	60	8	...	125,000
Port Arthur	1899	7.13	183	75	25	...	803,490
Virginia—Albemarle	1860	14.00	80	45	10	1	1,151,849
Lake Drummond	1794	23.00	70	40	9	2	3,301,000
West Virginia—Great Kanawha	1889	90.00	....	...	6	10	4,165,650
Little Kanawha	1889	48.00	....	...	4	5	519,107
Monongahela	1899	41.00	....	...	7	7	1,719,587
Wisconsin—Fox	1856	160.40	....	...	5	27	3,149,295
Sturgeon bay	1881	1.36	160	...	21	...	504,596
Total	....	3,644.60	....	...	...	934	283,208,863

*Including improvements. †Included in Erie.

NOTE—The above list, it will be noted, includes a number of canalized rivers, and does not include canals completed since 1906.

THE HENNEPIN CANAL.

Preliminary surveys begun—1871.
Excavation begun—1892.
Work completed—1907.
Canal formally opened—Oct. 24, 1907.
Length of main channel—75 miles.
Length of feeder—29.3 miles.
Total length—104 miles.
Depth—7 feet.
Width at bottom—52 feet.
Width at water line—80 feet.
Locks on main canal—32.
Locks on feeder—1.
Total cost—$7,500,000.

The Hennepin, or, more comprehensively, the Illinois and Mississippi canal, extends from the Illinois river near Hennepin to the Mississippi three miles below Rock Island. The navigable feeder extends from Rock river at Sterling and Rock Falls to the main line near Sheffield and is of the same size and just as navigable as the main line. Water is forced into it by a dam a quarter of a mile long at Sterling.

NEW YORK STATE BARGE CANAL.

Total length—442 miles.
Width—From 122 to 160 feet.
Depth—From 12 to 20 feet.
Locks—61.
Excavation—175,000,000 cubic yards.
Cost—$101,000,000.

Work on the New York state barge canal, or system of canals, according to estimates, will be completed in 1916. The main waterway will follow the line of the present Erie canal in most places from the Hudson river at Waterford, Saratoga county, to Tonawanda and Lake Erie; another division will connect the Hudson with Lake Champlain, while a third branch will run from the main canal at Three Rivers Point to Lake Ontario. The waterway will be wide and deep enough to accommodate steam barges with a maximum capacity of 1,800 tons each.

GREAT SHIP CANALS OF THE WORLD.

CANAL.	Open'd Year.	L'ngth Miles.	Depth. Feet.	Wdth* Feet.	Cost.
Corinth (Greece)	1893	4	26.25	72	$5,000,000
Kronstadt-St. Petersburg (Russia)	1890	16	20.50	220	10,000,000
Elbe and Trave (Germany)	1900	41	10	72	5,831,000
Kaiser Wilhelm (Germany)	1895	61	29.50	72	37,128,000
Manchester ship (England)	1894	35.5	26	120	75,000,000
Sault Ste. Marie (U. S.)	1855	1.6	22	100	10,000,000
Sault Ste. Marie (Canada)	1895	1.11	20.25	142	2,791,873
Suez (Egypt)	1869	90	31	108	100,000,000
Welland (Canada)	1887	26.75	14	100	25,000,000

*At the bottom.

IMPORTS OF MERCHANDISE.

Fiscal years ended June 30.

ARTICLES IMPORTED.	1908.		1909.		1910.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Animals		$4,777,459		$5,037,671		$7,839,670
Antimony—Ore lbs	1,682,774	91,527	6,021,877	170,443	55,552	1,432
Regulus or metal lbs	8,046,116	672,934	9,530,767	644,374	700,772	45 830
Ore, regulus or metal lbs					8,849,068	503,983
Art works		4,310,767		3,797,163		21,088,720
Asbestos, unmanufactured tons		1,115,800	41,176	1,021,390	47,510	1,122,085
Asphaltum and bitumen tons	141,482	566,506	128,050	606,096	146,371	712,551
Automobiles No.	1,045	2,500,134	1,624	2,905,391	1,473	2,851,416
Parts of		490,905		773,743		985,638
Beads and bead ornaments		542,812		611,085		1,230,471
Bones, unmanufactured		733,798		777,357		1,067,911
Brass, for remanufacture lbs	2,640,258	427,496	3,731,150	470,500	6,504,212	798,385
Breadstuffs		7,138,214		9,454,414		8,500,579
Bristles lbs	2,614,783	2,090,157	2,884,372	2,583,482	3,992,520	3,111,872
Brushes		1,681,640		1,430,321		1,732,200
Buttons		652,961		766,901		1,055,645
Cement lbs	573,437,777	1,973,472	192,374,732	712,628	163,101,786	602,833
Chemicals, drugs and dyes		74,642,945		80,599,868		90,964,241
Chocolate lbs	2,756,452	715,131	1,519,073	339,795	1,294,300	279,372
Clays or earths tons	243,847	1,680,100	252,838	1,715,078	287,126	1,919,668
Clocks and parts of		471,133		468,597		701,852
Watches and parts of		2,451,009		2,088,034		1,869,302
Coal, bituminous tons	1,981,467	5,123,862	1,227,858	3,498,480	1,624,791	4,460,919
Cocoa or cacao (crude) lbs	82,831,242	14,257,250	129,854,749	14,850,328	108,068,070	11,376,061
Prepared lbs	1,016,990	311,661	1,287,109	372,195	1,107,203	316,118
Coffee lbs	890,640,057	67,688,106	1,049,868,768	79,112,129	871,469,516	69,191,353
Copper—Ore tons	271,017	7,057,080	320,217	6,538,597	398,172	6,515,353
Matte and regulus tons			28,276	2,159,191	26,949	2,757,192
Pigs, ingots, bars, etc lbs	145,033,236	24,361,902	220,853,988	29,271,514	247,996,570	30,887,841
Cork, wood or bark		2,092,732		2,016,551		3,152,280
Manufactures of		2,156,274		1,025,639		1,619,111
Cotton—Unmanufactured lbs	71,072,855	14,172,241	86,518,024	13,622,802	86,037,691	15,816,138
Manufactures of		68,379,781		62,010,286		66,473,143
Diamonds, uncut		4,452,320		4,761,116		10,272,904
Cut but not set		9,312,095		19,513,585		29,540,074
Total diamonds, precious stones, etc		16,714,137		29,373,070		47,799,801
Earthen, stone and china ware		13,477,969		9,809,028		11,021,126
Feathers, natural and artificial		10,755,954		11,660,084		11,992,053
Fertilizers		4,970,461		5,995,599		8,371,883
Fibers—Unmanufactured tons	303,484	35,493,063	345,445	29,748,353	305,431	32,418,389
Manufactures of		54,467,572		49,312,392		57,624,245
Fish		12,179,095		12,333,596		13,835,968
Fruits and nuts		37,354,742		31,110,683		37,423,827
Furs—Undressed		9,580,323		11,653,586		15,589,258
Manufactures of		6,337,826		9,432,993		11,008,386
Glass and glassware		6,570,123		5,262,190		6,553,764
Grease and oils (free)		774,249		1,246,054		1,165,534
Hair, unmanufactured		2,770,658		3,750,524		6,019,476
Hats, bonnets, etc., and materials for		4,852,548		5,403,044		7,950,530
Hides and skins lbs	282,764,925	54,770,136	444,554,325	78,487,324	608,619,028	112,247,836
Hide cuttings, raw		1,265,382		1,301,956		1,605,432
Hops lbs	8,493,265	1,989,261	7,386,574	1,337,099	3,200,560	1,499,354
Household goods, etc		4,446,187		4,542,657		5,090,294
India rubber—Unmanufactured		39,250,088		64,710,370		106,861,496
Manufactures of		2,050,135		1,463,589		1,234,914
Iron—Ore tons	958,378	2,949,462	1,015,647	2,714,691	2,381,676	6,763,394
Iron and steel, manufactures of		27,607,909		22,439,787		38,502,457
Ivory—Animal lbs	371,344	1,148,620	766,726	2,077,500	592,476	1,597,268
Vegetable lbs	14,536,288	375,535	20,002,909	609,062	27,066,716	1,104,924
Jewelry		946,402		816,001		1,576,023
Other manufactures of gold and silver		126,515		725,873		1,584,295
Lead and manufactures of lbs	194,962,047	4,453,355	231,926,416	4,617,716	210,853,263	3,915,252
Leather and manufactures of		14,127,347		13,993,134		16,865,987
Manganese, ore and oxide tons	218,494	1,773,018	165,061	1,243,657	237,037	1,592,073
Marble and stone		1,585,152		1,581,815		1,926,714
Matting and mats sq yds	51,114,112	4,333,044	43,435,748	3,290,557	33,578,542	2,424,759
Meat and dairy products		8,757,320		8,968,808		11,043,454
Metals and manufactures of		6,768,637		6,807,357		10,099,079
Musical instruments		1,400,213		1,243,856		1,347,852
Nickel ore and matte		2,391,140		2,544,222		3,618,746
Oil cloths sq yds	6,114,568	2,102,313	5,906,329	1,894,810	4,848,615	1,834,640
Oils of all kinds		16,886,481		18,237,706		24,299,589
Paints, pigments and colors		1,738,257		1,689,090		1,914,985
Paper stock, crude		3,675,926		3,638,034		5,206,877
Books and other printed matter		6,036,696		5,626,624		6,033,075
Printing paper lbs			37,055,028	903,705	92,911,514	1,920,801
Total paper and manufactures of		18,259,751		17,259,195		17,536,755
Perfumeries, cosmetics, etc		1,120,396		1,125,613		1,214,792
Pipes and smokers' articles		1,052,285		964,123		1,040,750
Plants, trees, shrubs, etc		2,003,973		1,942,906		2,348,079
Platinum oz	54,708	1,645,844	88,327	1,766,168	118,860	2,809,260
Plumbago tons	13,398	1,206,016	15,992	1,463,717	21,696	1,894,266
Quebrach wood tons	48,871	612,971	66,113	731,795	80,210	1,058,647
Rice, rice flour lbs	212,783,392	4,798,553	222,900,422	4,698,033	225,400,545	4,361,237
Salt lbs	354,426,565	480,468	274,455,157	428,121	296,200,273	395,963

IMPORTS OF MERCHANDISE—CONTINUED.

ARTICLES IMPORTED.	1908.		1909.		1910.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Seeds		6,371,470		5,958,019		14,693,776
Shells, unmanufactured		1,132,515		1,889,765		1,827,199
Silk—Unmanufactured		64,546,611		79,899,655		67,115,177
Manufactures of		32,967,874		30,718,582		32,888,459
Soap		761,745		990,138		746,721
Spices	lbs 42,124,812	3,591,537	78,201,943	5,348,606	43,793,258	3,483,459
Spirits—Malt liquors	gals 7,525,106	3,464,671	6,906,105	3,215,407	7,312,748	3,268,953
Distilled	gals 3,956,908	6,400,606	4,787,325	7,676,825	4,382,067	7,112,887
Wines		10,746,527		12,276,613		13,007,293
Sugar	lbs 3,371,907,112	80,258,147	4,189,421,018	96,554,998	4,094,545,936	106,349,005
Sulphur ore	tons 713,788	$2,687,626	661,269	$2,462,213	729,502	$2,628,705
Tea	lbs 94,149,564	16,309,870	114,916,520	18,562,676	85,626,370	14,671,946
Tin	lbs 77,296,059	25,295,061	91,122,372	26,007,216	101,154,508	30,989,532
Tobacco—Leaf	lbs 32,056,043	22,870,328	41,736,098	25,400,919	46,838,330	27,751,279
Manufactures of		4,397,585		3,685,180		4,082,582
Toys		7,206,423		4,869,097		6,585,781
Vegetables		8,289,068		12,999,797		8,278,571
Wood and manufactures of		43,527,982		43,690,427		54,427,504
Wool—Unmanufactured	lbs 125,980,524	23,664,938	266,409,304	45,171,994	263,939,584	51,220,844
Manufactures of		19,387,978		18,102,461		23,532,175
Total value merchandise*	free	525,603,308		599,556,639		756,161,396
	dut.	668,738,484		712,363,585		801,658,592
Total value imports*		1,194,341,792		1,311,920,224		1,557,819,988

*Includes all articles specified and unspecified in above table.

EXPORTS OF DOMESTIC MERCHANDISE.

Fiscal years ended June 30.

ARTICLES EXPORTED.	1908.		1909.		1910.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Agricultural implements		$24,344,398		$25,694,184		$28,124,033
Animals—Cattle	No. 349,210	29,339,134	287,542	18,046,976	189,430	12,200,154
Hogs	No. 30,818	307,202	18,655	144,905	4,410	46,955
Horses	No. 19,000	2,612,587	21,616	3,386,617	28,910	4,081,157
Mules	No. 6,609	990,667	3,432	472,017	4,512	614,094
Sheep	No. 101,000	589,285	67,656	365,155	44,517	200,000
All other		110,489		114,122		158,756
Total animals, including fowls		34,101,289		22,645,438		17,447,735
Art works		549,407		494,509		1,065,695
Brass		3,701,871		3,510,276		4,355,561
Breadstuffs—Barley	bu 4,349,078	3,205,528	6,580,393	4,672,166	4,311,566	3,052,527
Bread and biscuit	lbs 13,052,074	766,170	12,606,614	710,687	13,064,693	767,151
Buckwheat	bu 116,127	94,638	186,702	137,413	158,160	103,138
Corn	bu 52,445,900	33,942,197	35,853,412	25,194,466	36,902,374	25,427,993
Cornmeal	brls 654,515	2,053,447	452,907	1,549,010	331,531	1,147,568
Oats	bu 1,158,622	624,569	1,510,320	804,759	1,685,474	794,367
Oatmeal	lbs 24,484,199	705,853	14,822,944	516,524	15,538,535	521,658
Rye	bu 2,419,958	2,184,535	1,272,559	1,049,800	219,756	168,666
Rye flour	brls 4,105	16,521	3,857	14,600	3,751	15,240
Wheat	bu 100,371,057	99,736,767	66,923,244	68,094,447	46,679,876	47,806,598
Wheat flour	brls 13,927,247	64,170,508	10,521,161	51,157,366	9,040,987	47,621,467
Total breadstuffs (all kinds)		215,260,588		159,929,221		133,191,330
Bricks and tiles		713,911		795,999		1,341,273
Cars, automobiles, cycles, etc		22,072,902		15,392,817		20,630,859
Celluloid and manufactures of		551,643		587,859		1,139,080
Cement	brls 945,421	1,470,317	827,971	1,143,657	1,715,169	2,292,376
Chemicals, drugs and medicines		20,873,155		19,131,811		21,415,935
Clocks and watches		2,848,725		2,517,332		2,588,931
Coal	tons 12,722,735	39,355,759	11,888,029	37,316,795	13,367,072	40,512,546
Coke	tons 773,809	2,718,385	765,532	2,752,275	872,013	3,077,372
Coffee—Green	lbs 35,356,109	4,314,020	28,630,278	3,729,840	45,514,438	5,703,786
Roasted	lbs 4,301,029	474,451	996,100	155,776	1,210,886	196,348
Copper—Ore	tons 81,465	1,808,131	71,200	1,417,791	51,445	1,304,887
Manufactures of		104,064,580		85,290,186		88,004,397
Cotton—Unmanufactured	lbs 3,816,988,033	437,788,202	4,447,985,202	417,390,695	3,206,708,226	450,447,243
Manufactures of		25,177,758		31,878,566		33,397,097
Dental goods				1,656,384		1,746,260
Earthen, stone and china ware		1,145,679		803,635		901,537
Eggs	doz 7,590,977	1,540,014	5,207,151	1,193,522	5,325,936	1,230,486
Explosives		3,705,517		3,478,714		3,352,663
Fertilizers	tons 1,222,951	10,970,931	1,105,367	9,283,416	1,020,587	8,700,640
Fibers, bags, cordage, twine		4,982,324		5,431,890		5,088,484
All other		710,905		560,814		439,045
Fish		5,685,916		6,113,052		9,652,088
Fruits and nuts		14,338,864		16,568,080		18,885,654
Furs and fur skins		7,712,890		9,207,770		14,501,635
Glass and glassware		2,505,417		2,173,193		2,805,401
Glucose and grape sugar	lbs 129,686,334	2,540,640	112,224,504	2,346,089	149,820,088	3,415,220
Glue	lbs 2,917,173	289,441	2,340,426	244,751	2,488,205	261,756
Grease and soap stock		5,762,709		4,814,901		4,612,426
Hair and manufactures of		1,165,475		988,749		1,142,845
Hay	tons 77,281	1,463,010	64,641	1,147,753	55,007	1,070,907

EXPORTS OF DOMESTIC MERCHANDISE.—CONTINUED.

ARTICLES EXPORTED.	1908.		1909.		1910.	
	Quant's.	Values.	Quant's.	Values.	Quant's.	Values.
Hides and skins other than furs.....lbs	14,650,454	1,536,225	12,858,975	1,271,190	14,635,075	1,738,216
Hops.....lbs	22,920,480	2,963,167	10,446,884	1,271,629	10,589,254	2,062,140
India rubber, manufactures of.....		7,573,570		7,432,832		10,175,634
Instruments, scientific, etc.....		11,578,010		8,927,294		12,535,643
Iron and steel (except ore).....		183,982,182		144,951,357		179,133,186
Jewelry.....		1,496,696		1,259,790		1,441,388
Lamps, chandeliers, etc.....		1,827,216		1,715,939		2,273,355
Leather and manufactures of.....		40,688,619		42,974,795		52,646,755
Marble and stone.....		1,248,996		1,195,759		1,447,989
Meat and dairy products—Beef, canned...lbs	23,376,447	2,467,875	14,395,527	1,645,822	14,804,596	1,678,452
Beef, fresh.....lbs	201,154,105	20,339,377	122,952,671	12,638,594	75,729,666	7,733,751
Beef, cured.....lbs	47,896,087	5,319,950	44,789,063	3,472,367	36,871,313	2,783,701
Tallow.....lbs	91,797,537	5,389,219	53,332,767	3,000,366	29,379,992	1,779,615
Bacon.....lbs	241,189,929	25,481,246	244,578,674	25,920,490	152,163,107	18,381,050
Hams.....lbs	221,769,634	25,167,059	212,170,224	23,526,307	146,885,385	17,837,375
Pork, canned.....lbs	4,457,022	532,442	5,759,930	620,193	4,062,022	459,843
Pork, fresh.....lbs	16,374,468	1,551,450	9,555,315	938,025	1,029,278	126,888
Pork, pickled.....lbs	149,505,937	$15,332,654	52,354,980	$4,599,431	40,051,599	$4,421,844
Lard.....lbs	603,413,770	54,789,748	528,722,933	52,712,569	362,927,671	43,301,156
Lard compounds.....lbs	73,183,210	6,035,318	75,185,193	6,115,307	74,556,603	6,887,738
Mutton.....lbs	1,185,040	117,688	1,498,674	141,654	1,989,472	213,477
Oleo oil and oleomargarine.....lbs	215,479,332	19,578,222	182,874,304	19,420,376	129,510,307	14,655,052
Poultry and game.....		881,792		848,644		599,548
Sausage and sausage meats.....lbs	8,367,495	969,472	8,338,058	997,655	5,072,255	627,669
Sausage casings.....lbs		3,959,384		3,520,191	35,418,957	4,503,339
Other meat products—Canned.....		1,265,283		1,060,222		1,030,051
All other.....		2,659,228		1,783,331		1,361,833
Butter.....lbs	6,463,061	1,407,962	5,981,265	1,268,210	3,140,545	785,771
Cheese.....lbs	8,439,031	1,092,053	6,822,842	857,091	2,846,709	441,017
Milk, condensed.....lbs		2,455,186		1,375,104	13,300,518	1,023,633
Total meat and dairy products.....		192,802,708		166,521,949		130,632,783
Musical instruments.....		3,371,521		2,619,772		3,182,343
Naval stores (rosin, tar, etc.).....		21,641,599		15,101,147		18,681,962
Nickel, oxide and matte.....lbs	9,148,482	2,948,058	10,013,776	3,395,174	13,652,407	4,532,897
Oil cake and meal.....lbs	1,691,550,533	21,866,761	1,969,748,762	25,826,134	1,341,514,280	19,251,012
Oils—Animal.....gals	1,205,308	612,336	1,176,124	589,603	2,216,713	903,601
Mineral.....gals	1,443,537,568	104,116,440	1,561,671,336	105,999,637	1,546,067,984	99,090,212
Vegetable.....		19,633,967		23,098,050		16,479,301
Paints, pigments and colors.....		4,001,824		3,959,090		4,726,565
Paper and manufactures of.....		14,171,759		14,014,584		16,083,271
Paraffin and paraffin wax.....lbs	178,709,678	8,740,929	82,075,726	3,706,383	101,934,500	5,720,052
Photographic goods.....				4,184,716		4,765,155
Seeds.....		8,683,688		5,256,623		3,485,418
Silk, manufactures of.....		720,368		847,894		1,097,593
Soap.....		3,407,220		3,472,431		3,620,546
Spirits—Malt liquors.....		1,020,172		1,010,787		951,183
Distilled.....gals	1,507,237	1,816,287	1,509,132	1,883,967	1,637,630	1,378,006
Wines.....		225,990		201,418		224,911
Starch.....lbs	48,125,851	1,142,054	33,228,278	780,155	51,534,570	1,274,773
Sugar and molasses.....		3,361,611		5,468,502		7,873,036
Tobacco—Unmanufactured.....lbs	330,812,658	34,727,157	287,900,946	30,902,900	357,196,074	38,115,386
Manufactured.....		4,736,522		4,701,617		4,803,101
Toys.....		733,274		1,098,187		1,670,046
Vegetables.....		3,895,294		3,760,466		4,207,319
Wood and manufactures of.....		81,521,305		67,867,432		78,813,803
Wool and manufactures of.....		2,261,919		1,976,607		2,379,360
Zinc and manufactures of.....		1,606,032		1,470,961		1,078,381
Total value exports of domestic merchandise*.....		1,834,786,357		1,638,355,598		1,710,083,998
Total value exports of foreign merchandise.....		25,986,989		24,655,511		34,900,722
Total value exports except gold and silver.....		1,860,773,346		1,663,011,104		1,744,984,720

*Including articles not specified in above table.

DUTIES COLLECTED ON IMPORTS, 1907, 1908, 1909.

On principal articles or groups of articles imported into the United States for consumption.

Articles.	1907.	1908.	1909.
Animals	$403,195	$660,115	$686,969
Breadstuffs	1,457,441	1,738,112	2,600,797
Chemicals	7,522,515	6,703,211	7,360,396
Cotton*	38,999,267	34,599,772	33,060,402
Earthenware	8,024,207	7,708,893	5,922,309
Fibers†	401,344	372,244	366,708
Fibers‡	21,755,818	18,241,668	18,071,454
Fish	1,910,301	1,818,565	1,968,657
Fruits	6,992,667	7,720,237	6,173,136
Fur*	1,835,508	1,342,548	1,995,337
Glass*	3,920,733	3,285,921	2,614,745
Iron and steel*	11,930,389	9,331,328	8,216,063
Jewelry	3,823,495	1,813,267	2,987,962
Leather*	6,133,538	4,506,444	4,966,476
Malt liquors	1,838,190	1,823,977	1,791,770
Meat, dairy products	2,236,451	2,156,447	2,283,186
Spirits, distilled	$7,917,114	$7,686,984	$8,808,226
Wines	6,042,510	5,185,378	5,050,118
Oils	1,985,737	2,190,534	2,319,909
Paints	627,511	521,702	521,939
Paper*	2,710,657	2,924,958	2,875,092
Rice	1,254,297	1,542,469	1,642,929
Silk*	20,230,402	16,493,078	16,186,131
Sugar	60,284,059	50,162,157	56,406,484
Tobacco*	26,125,037	22,160,090	23,269,458
Toys	2,425,444	2,515,618	1,701,002
Vegetables	1,898,658	2,722,852	4,955,805
Wood*	4,385,039	4,059,682	4,033,289
Wool†	16,562,748	11,420,511	17,082,990
Wool‡	19,992,068	17,424,734	16,278,828

*Including manufactures of. †Unmanufactured. ‡Manufactured.

SUMMARY OF IMPORTS AND EXPORTS OF MERCHANDISE.

Fiscal years ended June 30

GROUPS	1908		1909.		1910.	
IMPORTS						
	Dollars.	Per ct.	Dollars.	Per ct.	Dollars.	Per ct
Free of duty—Foodstuffs in crude condition and food animals	116,509,736	22.17	131,620,840	21.95	118,009,399	15.61
Foodstuffs partly or wholly manufactured	5,468,989	1 04	5,177,207	.86	5,619,293	.74
Crude materials for use in manufacturing	276,329,018	52.57	329,067,111	54.89	439,296,043	58.10
Manufactures for further use in manufacturing	84,720,745	16.12	95,078,909	15.86	122,618,842	16.21
Manufactures ready for consumption	35,961,124	6.84	32,722,571	5.46	63,026,617	8.34
Miscellaneous	6,613,696	1.26	5,890,001	.98	7,591,202	1.00
Total free of duty	525,603,308	100.00	599,556,639	100.00	756,161,396	100.00
Dutiable—Foodstuffs in crude condition and food animals	29 067,691	4.35	32,489,834	4.56	30,078,875	3.75
Foodstuffs partly or wholly manufactured	141,539,881	21.17	160,523,713	22.54	171,545,229	21.40
Crude materials for use in manufacturing	87,153,240	13.03	122,292,148	17.17	128,851,687	16.07
Manufactures for further use in manufacturing	111,527,664	16.68	127,022,713	17.83	165,300,105	20.62
Manufactures ready for consumption	295,656,802	44.21	266,383,664	37.39	302,148,459	37.69
Miscellaneous	3,793,206	.56	3,651,513	.51	3,734,237	.47
Total dutiable	668 738,484	100.00	712,363,585	100.00	801,658,592	100.00
Free and dutiable—Foodstuffs in crude condition, and food animals	145,577,427	12.19	164,110,674	12.51	148,088,274	9.31
Foodstuffs partly or wholly manufactured	147,008,870	12.31	165,700,920	12.63	177,164,522	11.37
Crude materials for use in manufacturing	363,482,258	30.43	451,359,259	34.40	568,147,730	36.47
Manufactures for further use in manufacturing	196,248,409	16.43	222,101,622	16.94	287,918,947	18.48
Manufactures ready for consumption	331,617,926	27.77	299,106,235	22.80	365,175,076	23.44
Miscellaneous	10,406,902	.87	9,541,514	.72	11,325,439	.73
Total imports of merchandise	1,194,341,792	100.00	1,311,920,224	100.00	1,557,819,988	100.00
Per cent of free		44.01		45.70		48.54
Duties collected from customs	286,113,130		300,711,934		332,785,323	
Remaining in warehouse at the end of the month						
EXPORTS.						
Domestic—Foodstuffs in crude condition, and food animals	Dollars.	Per ct.	Dollars.	Per ct.	Dollars.	Per ct.
	189,051,824	10.30	135,633,409	8.28	109,645,628	6.41
Foodstuffs partly or wholly manufactured	331,961,663	18.10	302,555,341	18.47	259,121,650	●15.15
Crude materials for use in manufacturing	556,681,462	30.33	520,907,436	31.80	565,027,301	33.04
Manufactures for further use in manufacturing	261,105,883	14.23	231,186,607	14.11	267,447,844	15.64
Manufactures ready for consumption	489,469,958	26.68	440,229,407	26.87	500,861,219	29.29
Miscellaneous	6,515,567	.36	7,783,393	.47	7,980,356	.47
Total domestic	1,834,786,357	100.00	1,638,355,593	100.00	1,710,083,998	100.00
Foreign—Free of duty	12,082,152	46.49	11,664,525	47.30	20,845,498	59.73
Dutiable	13,904,837	53.51	12,990,986	52.70	14,055,224	40.27
Total foreign	25,986,989	100.00	24,655,511	100.00	34,900,722	100.00
Total exports	1,860,773,346		1,663,011,104		1,744,984,720	
Excess of { imports						
{ exports	666,431,554		351,090,880		187,164,732	
Total imports and exports	3,055,115,138		2,974,931,328		3,302,704,708	

GOLD AND SILVER.

METAL.	1909.	1910.
Gold—Imports	$44,033,989	$43,339,905
Exports	91,531,818	118,563,215
Silver—Imports	43,964,810	45,217,194
Exports	55,682,792	55,286,861

TONNAGE.

VESSELS.	1909.	1910.
Entered—Sailing	2,527,662	2,558,373
Steam	36,530,476	37,677,433
Cleared—Sailing	2,502,612	2,602,751
Steam	35,693,869	37,103,107

IMPORTS AND EXPORTS OF DOMESTIC AND FOREIGN MERCHANDISE BY CONTINENTS (1902-1910).

Fiscal years ended June 30.

CONTINENT.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.
Imports—Europe	$475161941	$547226887	$498697379	$540773092	$633282184	$747291255	$608014147	$654322918	$809271380
North America	151,076,524	189,736,475	198,778,952	227,229,145	235,364,719	263,576,349	238,815,898	253,999,920	306,767,486
South America	119,785,756	107,428,323	120,364,113	150,795,800	140,422,876	160,165,537	124,998,500	163,878,724	196,164,786
Asia and Oceania	143,849,112	168,745,901	163,820,151	187,371,412	201,865,329	242,260,820	206,222,482	224,610,035	231,126,597
Africa	13,447,615	12,581,651	9,426,776	11,343,622	12,628,735	21,127,464	16,290,675	15,108,627	17,489,739
Total	903,320,948	1025719237	991,087,371	1117513071	1223563843	1434421425	1194341792	1311920224	1557819988
Exports—Europe	1008033381	1029256657	1057930131	1020972641	1200179235	1298452880	1283600155	1146755321	1135914551
North America	203,971,080	215,482,769	234,909,959	260,570,235	308,381,969	349,840,641	324,474,660	309,475,694	385,520,069
South America	38,043,617	41,137,872	50,755,027	56,894,131	75,159,781	82,157,174	83,583,919	76,561,680	93,246,820
Asia and Oceania	98,202,118	95,827,528	93,002,028	161,584,056	140,581,154	133,889,857	148,574,047	113,182,975	111,751,900
Africa	33,468,605	38,436,853	24,230,126	18,540,603	19,562,361	16,511,026	20,340 565	17,035,434	18,551,380
Total	1381719401	1420141679	1460827271	1518561666	1743924600	1880851078	1860773346	1663011104	1744984720

CRUDE STEEL PRODUCTION OF THE UNITED STATES.

Calendar year.	*Tons.	Calendar year.	*Tons.	Calendar year.	*Tons.	Calendar year.	*Tons.
1870	68,750	1900	10,188.329	1903	14,534,9°8	1906	23,398,136
1880	1,247,335	1901	13,473.595	1904	13,859,8°7	1907	23,362,594
1890	4,277,071	1902	14,947,250	1905	20,023,947	1908	14,023,247

*Tons of 2,240 pounds.

VALUE OF IMPORTS AND EXPORTS OF MERCHANDISE BY COUNTRIES.

Fiscal years 1908-1910

COUNTRY.	IMPORTS.			EXPORTS.		
	1908.	1909.	1910.	1908.	1909.	1910.
Europe—Austria-Hungary	$15 425 659	$15,436,587	$17 408,910	$16,174,738	$14,226,703	$14,962,731
Azores and Madeira Islands	34,531	35,720	86,875	211,92	166,100	184,234
Belgium	19,895,677	27,393,918	40,059,281	52,940,514	45,093,003	41,116,585
Bulgaria		190,825	385,667		92,887	128,111
Denmark	1,272,938	1,625,408	2,198,334	21,541,696	17,522,113	13,644,903
France	101,999,541	108,387,337	132,363,346	116,123,468	108,764,262	117,627,466
Germany	142,935,547	145,525,828	168,806,237	276,922,089	235,324,140	249,555,926
Gibraltar	11,048	19,604	9,494	371,365	491,888	228,019
Greece	3 019,666	2,382,202	2,643,005	1,290,804	1,237,297	429,670
Greenland, Iceland, etc	56,774	63,210	140,231	22,908	28,982	3,106
Italy	44,844,174	49,287,894	49,868,367	54,217,394	58,509,595	53,467,053
Malta, Gozo, etc	4,584	10,352	16,351	548,859	608,280	303,009
Netherlands	20,305,864	26,086,396	31,713,766	102,206,184	95,012,366	84,937,878
Norway	3,668,909	4,643,609	6,551,985	6,841,626	5,806,113	5,949,330
Portugal	4,967,922	6,240,562	6,507,733	3,086,072	3,901,405	3,223,855
Roumania	11,135	9,340	36,181	447,759	647,045	479,364
Russia in Europe	11,113,421	11,051,571	16,196,154	16,342,377	15,633,175	16,789,930
Servia	52,353	531,691	1,067,008	3,806	5,310	4,273
Spain	14,152,712	14,077,064	18,453,278	21,906,379	19,679,003	18,964,403
Sweden	4,633,672	4,486,142	6,830,477	9,671,810	6,731,304	5,991,896
Switzerland	24,698,036	23,831,492	25,209,159	646,840	750,736	756,770
Turkey in Europe	4,554,509	6,393,468	5,689,769	1,418,024	1,896,249	1,613,168
United kingdom	190,355,475	208,612,758	271,029,772	580,663,522	514,627,365	505,552,871
Total Europe	608,014,147	654,322,918	806,271,380	1,283,600,155	1,146,755,321	1,135,914,551
North America—Bermuda	455,546	477,705	591,523	957,066	1,163,626	1,320,959
British Honduras	737,389	848,925	1,066,409	1,299,145	1,081,898	1,211,852
Canada	75,131,666	79,317,055	95,128,310	167,055,947	165,448,656	215,990,021
Newfoundland and Labrador	1,169,060	1,148,075	1,229,688	3,587,748	3,393,643	4,074,802
Central American States—Costa Rica	4,405,165	2,709,904	3,641,298	2,696,744	2,307,096	3,050,510
Guatemala	2,230,167	3,148,489	1,882,324	1,730,700	1,706,156	1,959,246
Honduras	2,268,070	2,150,752	2,012,225	1,768,995	1,499,632	1,695,493
Nicaragua	1,160,832	1,004,811	1,321,767	1,574,879	1,355,287	1,690,792
Panama	1,469,344	1,676,994	2,229,189	18,232,666	16,797,530	20,596,371
Salvador	981,715	970,137	1,176,393	1,357,297	1,462,135	1,316,957
Total Central American States	12,675,293	11,661,177	12,213,196	27,361,281	25,127,896	30,219,369
Mexico	46,945,690	47,712,214	58,795,943	55,509,604	49,793,323	58,193,704
Miquelon, Langley, etc	137	1,551	12,655	45,687	34,311	39,246
West Indies—British	12,129,350	11,410,019	11,154,683	12,475,383	11,715,654	11,277,963
Cuba	83,284,692	96,722,193	122,528,037	47,161,306	43,913,356	52,858,758
Danish	592,292	221,457	403,926	727,193	693,681	749,174
Dutch	361,966	249,823	346,589	706,210	635,827	658,146
French	60,111	49,899	43,232	1,455,701	1,411,204	1,318,224
Haiti	689,045	525,947	790,579	3,649,172	3,937,359	4,498,449
Santo Domingo	4,583,661	3,653,880	2,462,716	2,703,276	2,579,320	3,106,402
Total West Indies	101,701,117	112,833,218	137,729,762	68,878,241	64,886,401	74,467,116
Total North America	238,815,893	253,999,920	306,767,486	324,674,719	309,475,694	385,520,069
South America—Argentina	11,024,098	22,230,182	33,463,264	31,858,155	33,712,505	40,694,941
Bolivia	384	138	189	1,226,238	792,691	603,721
Brazil	74,577,864	98,053,229	108,154,491	19,490,077	17,527,692	22,897,890
Chile	14,777,811	13,712,373	20,921,326	9,194,650	5,466,286	8,304,246
Colombia	6,380,755	7,010,304	7,485,141	3,452,375	3,679,070	3,979,886
Ecuador	2,401,188	2,730,372	2,859,714	1,909,126	1,849,657	2,215,951
Falkland islands	16,916	1,499		[illegible]	1,433	1,142
Guiana—British	$230,828	$791,349	$567,793	$1,988,385	$2,009,988	$1,884,231
Dutch	780,369	865,743	925,782	645,417	612,087	685,889
French	33,136	39,728	21,171	334,174	371,615	300,273
Paraguay	14,645	16,777	29,170	100,568	52,268	61,142
Peru	6,670,616	6,386,544	7,621,497	6,959,579	4,557,864	4,548,053
Uruguay	1,364,796	3,726,877	7,413,896	3,868,661	3,360,313	4,272,145
Venezuela	6,725,184	8,313,609	6,701,352	2,555,863	2,568,211	2,797,210
Total South America	124,998,590	163,878,724	196,164,786	83,583,874	76,561,680	93,246,820
Asia—Aden	1,615,261	1,768,945	2,068,220	1,097,277	1,446,670	531,784
Chinese empire	26,020,922	28,798,723	29,990,370	22,343,057	19,420,024	16,320,612
China (leased territory)—British	28,169	19,819	36,146	7,641		3,492
French	14,400		6,442			65,030
German	536,329	624,038	1,244,360	470,731	323,615	345,551
Japanese		142	20,610	8,198,896	205,294	235,768
Total China	26,599,820	29,442,722	31,297,928	31,020,925	19,948,933	16,970,453
East Indies—British India	44,465,398	43,547,347	45,320,268	9,238,202	8,372,137	7,581,233
Straits Settlements	13,185,276	15,719,858	18,654,702	2,439,239	1,590,431	1,769,045
Other British	3,838,613	4,640,691	6,773,643	209,417	293,062	204,738
Total British	61,489,287	63,907,896	70,748,613	11,886,858	10,255,630	9,495,016
Dutch	14,095,364	22,967,601	10,651,935	2,181,952	2,622,998	2,241,225
French				602,169	614,946	174,882
Hongkong	2,129,256	1,769,019	2,333,231	8,975,161	7,267,802	6,467,165
Japan	68,107,545	70,392,722	66,398,761	41,432,327	26,691,613	21,959,310
Korea	3,045	2,879	20,176	1,563,113	320,780	442,066
Persia	529,492	346,250	683,371	3,885	1,159	509,178
Russia, Asiatic	341,627	793,345	1,181,058	2,072,915	1,635,734	1,039,881
Siam	51,858	121,988	125,882	392,663	364,029	286,200

VALUE OF IMPORTS AND EXPORTS BY COUNTRIES.—CONTINUED.

COUNTRY.	IMPORTS.			EXPORTS.		
	1908.	1909.	1910.	1908.	1909.	1910.
Turkey in Asia	6,205,061	6,035,360	8,514,132	555,376	621,893	744,504
Other Asia	.....	.....	3,495	211	.....	145
Total Asia	181,167,616	197,548,027	194,026,802	101,784,832	71,792,187	60,861,813
Oceania—British Oceania:						
Australia and Tasmania	11,186,668	13,973,219	14,806,764	28,280,661	24,077,260	27,696,557
New Zealand	3,040,168	2,847,655	4,168,125	6,502,362	5,463,547	5,577,088
All other	66,208	107,216	165,321	141,730	130,566	122,987
Total British	14,293,044	16,928,090	19,140,210	34,924,753	29,671,373	33,396,632
French Oceania	543,193	669,036	603,418	346,504	397,740	544,496
German Oceania	54,406	30,836	38,270	56,212	132,234	116,374
Philippine Islands	10,164,223	9,435,986	17,317,897	11,461,732	11,189,441	16,832,645
Total Oceania	25,054,866	27,062,008	37,099,795	46,789,201	41,390,788	50,890,087
Africa—Abyssinia	4,016	.....	.....	.....	342	.....
British Africa—West	91,271	196,185	227,108	2,085,046	1,997,245	2,241,448
South	1,760,350	1,689,570	2,178,174	7,847,045	7,298,954	9,614,406
East	655,534	856,613	803,612	354,637	515,441	601,133
Total British	2,507,155	2,742,368	3,208,894	10,286,728	9,811,640	12,456,987
Canary Islands	83,521	80,642	125,958	685,591	886,468	284,749
French Africa	498,045	549,513	726,970	1,545,145	1,609,083	1,275,393
German Africa	.....	208,302	433,098	120,064	160,149	200,465
Italian Africa	.....	.....	.....	17,435	1,845	3,688
Kongo	.....	17,782	.....	242	3,130	26,339
Liberia	1,035	73	212	58,432	56,165	84,822
Madagascar	1,907	4,378	6,626	15,979	16,640	7,731
Morocco	262,396	192,017	475,215	8,468	62,101	60,373
Portuguese Africa	67,935	106,061	239,996	5,463,949	3,611,167	3,138,775
Spanish Africa	.....	.....	.....	9,139	22,897	14,934
Turkey in Africa—Egypt	12,863,051	11,200,841	12,176,108	2,126,383	1,293,807	982,845
Tripoli	1,614	6,650	96,662	3,010	.....	14,232
Total Africa	16,290,675	15,108,627	17,489,739	20,340,565	17,035,434	18,551,380
Grand total	1,194,341,792	1,311,920,224	1,557,819,988	1,860,773,346	1,663,011,104	1,744,984,720

TOTAL VALUE OF IMPORTS AND EXPORTS INTO AND FROM THE UNITED STATES.

From Oct. 1, 1789, to June 30, 1910.

FISCAL YEAR.*	MERCHANDISE.			SPECIE.		MDSE. AND SPECIE COMBINED.		
	Imports.	Exports.	Exc'ss of imports (rom.) or exports (italics).	Imports, gold and silver.	Exports, gold and silver.	Total imports.	Total exports.	Excess of imports (rom.) or exports (italics).
1790	$23,000,000	$20,205,156	$2,794,844	.....	.....	$23,000,000	$20,205,156	$2,794,844
1791	29,200,000	19,012,041	10,187,959	.....	.....	29,200,000	19,012,041	10,187,959
1792	31,500,000	20,753,098	10,746,902	.....	.....	31,500,000	20,753,098	10,746,902
1793	31,100,000	26,109,572	4,990,428	.....	.....	31,100,000	26,109,572	4,990,428
1794	34,600,000	33,043,725	1,556,275	.....	.....	34,600,000	33,043,725	1,556,275
1795	69,756,268	47,989,872	21,766,396	.....	.....	69,756,268	47,989,872	21,766,396
1796	81,436,164	58,574,625	22,861,539	.....	.....	81,436,164	58,574,625	22,861,539
1797	75,379,406	51,294,710	24,084,696	.....	.....	75,379,406	51,294,710	24,084,696
1798	68,551,700	61,327,411	7,224,289	.....	.....	68,551,700	61,327,411	7,224,289
1799	79,069,148	78,665,522	403,626	.....	.....	79,069,148	78,665,522	403,626
1800	91,252,768	70,971,780	20,280,988	.....	.....	91,252,768	70,971,780	20,280,988
1801	111,363,511	93,020,513	18,342,998	.....	.....	111,363,511	93,020,513	18,342,998
1802	76,333,333	71,957,144	4,376,189	.....	.....	76,333,333	71,957,144	4,376,189
1803	64,666,666	55,800,033	8,866,633	Specie included with merchandise prior to 1821.		64,666,666	55,800,033	8,866,633
1804	85,000,000	77,699,074	7,300,926			85,000,000	77,699,074	7,300,926
1805	120,600,000	95,566,021	25,033,979			120,600,000	95,566,021	25,033,979
1806	129,410,000	101,536,963	27,873,037	.....	.....	129,410,000	101,536,963	27,873,037
1807	138,500,000	108,343,150	30,156,850	.....	.....	138,500,000	108,343,150	30,156,850
1808	56,990,000	22,430,960	34,559,040	.....	.....	56,990,000	22,430,960	34,559,040
1809	59,400,000	52,203,233	7,196,767	.....	.....	59,400,000	52,203,233	7,196,767
1810	85,400,000	66,757,970	18,642,030	.....	.....	85,400,000	66,757,970	18,642,030
1811	53,400,000	61,316,832	*7,916,832*	.....	.....	53,400,000	61,316,832	*7,916,832*
1812	77,030,000	38,527,236	38,502,764	.....	.....	77,030,000	38,527,236	38,502,764
1813	22,005,000	27,856,017	*5,851,017*	.....	.....	22,005,000	27,856,017	*5,851,017*
1814	12,965,000	6,927,441	6,037,559	.....	.....	12,965,000	6,927,441	6,037,559
1815	113,041,274	52,557,753	60,483,521	.....	.....	113,041,274	52,557,753	60,483,521
1816	147,103,000	81,920,052	65,182,948	.....	.....	147,103,000	81,920,052	65,182,948
1817	99,250,000	87,671,569	11,578,431	.....	.....	99,250,000	87,671,569	11,578,431
1818	121,750,000	93,281,133	28,468,867	.....	.....	121,750,000	93,281,133	28,468,867
1819	87,125,000	70,142,521	16,982,479	.....	.....	87,125,000	70,142,521	16,982,479
1820	74,450,000	69,691,669	4,758,331	.....	.....	74,450,000	69,691,669	4,758,331
1821	54,520,834	54,596,323	*75,489*	$8,064,890	$10,478,059	62,585,724	65,074,382	*2,488,658*
1822	79,871,695	61,350,101	18,521,594	3,369,846	10,810,180	83,241,541	72,160,281	11,081,260
1823	72,481,371	68,326,043	4,155,328	5,097,896	6,372,987	77,579,267	74,699,030	2,880,237
1824	72,169,172	68,972,105	3,197,067	8,378,970	7,014,552	80,548,142	75,986,657	4,561,485
1825	90,189,310	90,738,333	*549,023*	6,150,765	8,797,055	96,340,075	99,535,388	*3,195,313*
1826	78,093,511	72,890,789	5,202,722	6,880,966	4,704,563	84,974,477	77,595,352	7,379,125
1827	71,332,938	74,309,947	*2,977,009*	8,151,130	8,014,880	79,484,068	82,324,827	*2,840,759*
1828	81,020,083	64,021,210	16,998,873	7,489,741	8,243,476	88,509,824	72,264,686	16,245,138
1829	67,088,915	67,434,651	*345,736*	7,403,612	4,924,020	74,492,527	72,358,671	2,133,856
1830	62,720,956	71,670,735	*8,949,779*	8,155,964	2,178,773	70,876,920	73,849,508	*2,972,588*

TOTAL VALUE OF IMPORTS AND EXPORTS.—Continued.

Fiscal Year.*	Merchandise.			Specie.		Mdse. and Specie Combined.		
	Imports.	Exports.	Exc'ss of imports (rom.) or exports (italics).	Imports, gold and silver.	Exports, gold and silver.	Total imports.	Total exports.	Excess of imports (roman) or exports (italics).
1831	$95,885,179	$72,295,652	$23,589,527	$7,305,945	$9,014,931	$103,191,124	$81,310,583	$21,880,541
1832	95,121,762	81,520,603	13,601,159	5,907,504	5,656,340	101,029,266	87,176,943	13,852,323
1833	101,047,943	87,528,732	13,519,211	7,070,368	2,611,701	108,118,311	90,140,433	17,977,878
1834	108,609,700	102,200,215	6,349,485	17,911,632	2,076,758	126,521,332	104,336,973	22,184,359
1835	136,764,295	115,215,802	21,548,493	13,131,447	6,477,775	149,895,742	121,693,577	28,202,165
1836	176,579,154	124,338,704	52,240,450	13,400,881	4,324,336	189,980,035	128,663,040	61,316,995
1837	130,472,803	111,443,127	19,029,676	10,516,414	5,976,249	140,989,217	117,419,376	23,569,841
1838	95,970,288	104,978,570	*9,008,282*	17,747,116	3,508,046	113,717,404	108,486,616	5,230,788
1839	156,490,956	152,251,673	44,245,285	5,595,176	8,776,743	162,092,132	121,028,416	41,063,716
1840	98,258,706	123,668,932	*25,410,226*	8,882,813	8,417,014	107,141,519	132,085,946	*24,944,427*
1841	122,957,544	111,817,471	11,140,073	4,988,633	10,034,332	127,946,177	121,851,803	6,094,374
1842	96,075,071	99,877,995	*3,802,924*	4,087,016	4,813,539	100,162,087	104,691,534	*4,529,447*
1843	42,433,464	82,825,689	*40,392,225*	22,320,335	1,520,791	64,753,799	84,346,480	*19,592,681*
1844	102,604,606	105,745,832	*3,141,226*	5,830,429	5,454,214	108,435,035	111,200,046	*2,765,011*
1845	113,184,322	106,040,111	7,144,211	4,070,242	8,606,495	117,254,564	114,646,606	2,607,958
1846	117,914,065	109,583,248	8,330,817	3,777,732	3,905,268	121,691,797	113,488,516	8,203,281
1847	122,424,349	156,741,598	*34,317,249*	24,121,289	1,907,024	146,545,638	158,648,622	*12,102,984*
1848	148,638,644	138,190,515	10,448,129	6,360,284	15,841,616	154,998,928	154,032,131	966,797
1849	141,206,199	140,351,172	855,027	6,651,240	5,404,648	147,857,439	145,755,820	2,101,619
1850	173,509,526	144,375,726	29,133,800	4,628,792	7,522,994	178,138,318	151,898,720	26,239,598
1851	210,771,429	188,915,259	21,856,170	5,453,503	29,472,752	216,224,932	218,388,011	*2,163,079*
1852	207,440,398	166,964,231	40,456,167	5,505,044	42,674,135	212,945,442	209,658,366	3,287,076
1853	263,777,265	203,489,282	60,287,983	4,201,382	27,486,875	267,978,647	230,976,157	37,002,490
1854	297,803,794	237,043,764	60,760,030	6,758,587	41,281,504	304,562,381	278,325,268	26,237,113
1855	257,808,708	218,909,503	38,899,205	3,659,812	56,247,343	261,468,520	275,156,846	*13,688,326*
1856	310,432,310	281,219,423	29,212,887	4,207,632	45,745,485	314,639,942	326,964,908	*12,324,966*
1857	348,428,342	293,823,760	54,604,582	12,461,799	69,136,922	360,890,141	362,960,682	*2,070,541*
1858	263,338,654	272,011,274	*8,672,620*	19,274,496	52,633,147	282,613,150	324,644,421	*42,031,271*
1859	331,333,341	292,902,051	38,431,290	7,434,789	63,887,411	338,768,130	356,789,462	*18,021,332*
1860	353,616,119	333,576,057	20,040,062	8,550,135	66,546,239	362,166,254	400,122,296	*37,956,042*
1861	289,310,542	219,553,833	69,756,709	46,339,611	29,791,080	335,650,153	249,344,913	86,305,240
1862	189,356,677	190,670,501	*1,313,824*	16,415,052	36,887,640	205,771,729	227,558,141	*21,786,412*
1863	243,335,815	203,964,447	39,371,368	9,584,105	64,156,611	252,919,920	268,121,058	*15,201,138*
1864	316,447,283	158,837,988	157,609,295	13,115,612	105,396,541	329,562,895	264,234,529	65,328,366
1865	288,745,580	166,029,308	72,716,277	9,810,072	67,643,226	248,555,652	233,672,529	14,883,123
1866	434,812,066	348,859,522	85,952,544	10,700,092	86,044,071	445,512,158	434,903,593	10,608,565
1867	395,761,096	294,506,141	101,254,955	22,070,475	60,868,372	417,831,571	355,374,513	62,457,058
1868	357,436,440	281,952,899	75,483,541	14,188,368	93,784,102	371,624,808	375,737,001	*4,112,193*
1869	417,506,379	286,117,697	131,388,682	19,807,876	57,138,380	437,314,255	343,256,077	94,058,178
1870	445,958,408	392,771,768	48,186,640	26,419,179	58,155,666	462,377,587	450,927,434	11,450,153
1871	520,225,684	442,820,178	77,405,506	21,270,024	98,441,988	541,495,708	541,262,166	231,542
1872	626,595,077	444,177,586	182,417,491	13,743,689	79,877,534	640,338,766	524,055,120	116,283,646
1873	642,136,210	542,346,322	119,789,888	24,838,367	84,638,574	666,617,147	507,088,496	56,528,651
1874	567,406,342	586,283,040	*18,876,698*	28,454,906	86,634,405	595,861,248	652,918,445	*57,057,197*
1875	533,005,436	513,442,711	19,562,725	20,900,717	92,132,142	553,906,153	605,574,853	*51,668,700*
1876	460,741,190	540,384,671	*79,643,481*	15,936,681	56,506,302	476,677,871	596,890,973	*120,213,102*
1877	451,323,126	602,475,220	*151,152,094*	40,774,414	56,162,237	492,097,540	658,637,457	*166,539,917*
1878	437,051,532	694,865,766	*257,814,234*	29,821,314	33,740,125	466,872,846	728,605,891	*261,733,045*
1879	445,777,775	710,439,441	*264,661,666*	20,296,000	24,997,441	466,073,775	735,436,882	*269,363,107*
1880	667,954,746	835,638,658	*167,683,912*	93,034,310	17,142,919	760,989,056	852,781,577	*91,792,521*
1881	642,664,628	902,377,346	*259,712,718*	110,575,497	19,406,847	753,240,125	921,784,193	*168,544,068*
1882	724,639,574	750,542,257	*25,902,683*	42,472,390	49,417,479	767,111,964	799,956,736	*32,847,772*
1883	723,180,914	823,389,402	*100,658,488*	28,489,391	31,820,333	751,670,305	855,659,735	*103,989,430*
1884	667,697,693	740,513,609	*72,815,916*	37,426,262	67,133,363	705,123,955	807,646,992	*102,523,037*
1885	577,527,329	742,189,755	*164,662,426*	43,242,323	42,231,525	620,769,652	784,421,280	*163,651,628*
1886	635,436,136	679,524,830	*44,088,694*	38,598,656	72,463,410	674,029,792	751,988,240	*77,958,448*
1887	692,319,768	716,183,211	*23,863,443*	60,170,792	35,997,691	752,490,560	752,180,902	309,658
1888	723,957,114	695,954,507	28,002,607	59,337,986	46,414,183	783,295,100	742,368,690	40,926,410
1889	745,131,652	742,401,375	2,730,277	28,963,073	96,641,533	774,094,725	839,042,908	*64,948,183*
1890	789,310,409	857,828,684	*68,518,275*	33,976,326	52,148,420	823,286,735	909,977,104	*86,690,369*
1891	844,916,196	884,480,810	*39,564,614*	36,259,447	108,953,642	881,175,643	993,434,452	*112,258,809*
1892	827,402,462	1,030,278,148	*202,875,686*	69,654,540	83,005,886	897,057,002	1,113,284,034	*216,227,032*
1893	866,400,922	847,665,194	18,735,728	44,367,653	149,418,163	910,768,555	997,083,357	*86,314,802*
1894	654,994,622	892,140,572	*237,145,950*	85,735,671	127,429,326	740,730,293	1,019,569,898	*278,839,605*
1895	731,969,965	807,538,165	*75,568,200*	56,595,939	113,763,767	788,565,904	921,301,932	*132,736,028*
1896	779,724,674	882,606,938	*102,882,264*	62,302,251	172,951,617	842,026,925	1,055,558,555	*213,531,630*
1897	764,730,412	1,050,993,556	*286,263,144*	115,548,007	102,308,218	880,278,419	1,153,301,774	*273,023,355*
1898	616,049,654	1,231,482,330	*615,432,676*	151,319,455	70,511,630	767,369,109	1,301,993,960	*534,624,851*
1899	697,148,439	1,227,023,302	*529,874,813*	119,629,659	93,841,141	816,778,148	1,320,864,443	*504,086,295*
1900	849,941,184	1,394,483,082	*544,541,898*	79,829,486	104,979,034	929,770,670	1,499,462,116	*569,691,446*
1901	823,172,165	1,487,764,991	*664,592,826*	102,437,708	117,470,357	925,609,873	1,605,235,348	*679,625,475*
1902	903,320,948	1,381,719,401	*478,398,453*	80,258,508	98,301,340	983,574,456	1,480,020,741	*496,436,285*
1903	1,025,719,237	1,420,141,679	*394,422,442*	69,145,518	91,340,854	1,094,864,755	1,520,482,533	*425,617,778*
1904	991,087,371	1,460,827,271	*469,739,900*	126,324,182	130,932,688	1,117,911,553	1,591,759,959	*473,848,406*
1905	1,117,513,071	1,518,561,666	*401,048,595*	81,133,826	141,442,896	1,198,646,897	1,660,004,502	*461,357,605*
1906	1,226,563,843	1,743,864,500	*517,300,657*	140,664,270	103,442,654	1,367,228,113	1,847,307,154	*520,079,041*
1907	1,434,421,425	1,880,853,078	*446,429,653*	157,456,873	108,158,249	1,591,878,298	1,988,989,327	*397,111,029*
1908	1,194,341,792	1,860,773,346	*666,431,554*	192,995,418	130,354,126	1,387,337,210	1,991,127,472	*603,790,662*
1909	1,311,920,224	1,663,011,104	*351,090,880*	87,958,799	147,214,610	1,399,879,023	1,810,225,714	*410,346,691*
1910	1,557,819,988	1,744,984,720	*187,164,732*	88,557,103	173,850,076	1,646,377,091	1,918,834,796	*272,457,705*

*Fiscal year ended Sept. 30 prior to 1843; since that date ended June 30.

NOTE—Merchandise and specie are combined in the columns at right of table for the purpose of showing the total inward and outward movement of values by years.

QUALIFICATIONS FOR SUFFRAGE.

Requirements for Voters in the Various States.	Previous Residence Required.				Registration.	Ballot reform.	Excluded from voting.
	State.	County.	Town.	Precinct			
ALABAMA—Citizens of good character and understanding, or aliens who have declared intention; must show poll-tax receipt.	2 y.	1 y.	3 m	3 m	Yes.	Yes.	If convicted of treason, embezzlement of public funds, malfeasance in office or other penitentiary offenses, idiots or insane.
ARKANSAS—Like Alabama, except as to "good character."	1 y.	6 m	30 d	30 d	No..	Yes.	Idiots, insane, convicts until pardoned, nonpayment of poll tax.
CALIFORNIA—Citizens by nativity; naturalized for 90 days, or treaty of Queretaro.	1 y.	90 d	....	30 d	Yes.	Yes.	Chinese, insane, embezzlers of public moneys, convicts.
COLORADO—Citizens, male or female, or aliens who declared intention 4 months before offering to vote.	1 y.	90 d	30 d	10 d	Yes.	Yes.	Persons under guardianship, insane, idiots, prisoners convicted of bribery.
CONNECTICUT — Citizens who can read English.	1 y.	....	6 m	....	Yes.	Yes.	Convicted of felony or other infamous crime unless pardoned.
DELAWARE—Citizens paying $1 registration fee.	1 y.	3 m	....	30 d	No..	Yes.	Insane, idiots, felons, paupers.
FLORIDA — Citizens of United States.	1 y.	6 m	....	30 d	Yes.	Yes.	Persons not registered, insane or under guardian, felons, convicts.
GEORGIA—Citizens who can read and have paid all taxes since 1877.	1 y.	6 m	.....	.....	(a)	No..	Persons convicted of crimes punishable by imprisonment, insane, delinquent taxpayers.
IDAHO — Citizens, male or female.	6 m	30 d	3 m	10 d	Yes.	Yes.	Chinese, Indians, insane, felons, polygamists, bigamists, traitors, bribers.
ILLINOIS—Citizens of U. S.	1 y.	90 d	30 d	30 d	Yes.	Yes.	Convicts of penitentiary until pardoned.
INDIANA—Citizens, or aliens who have declared intention and resided 1 year in United States.	6 m	60 d	60 d	30 d	No..	Yes.	Convicts and persons disqualified by judgment of a court, United States soldiers, marines and sailors.
IOWA—Citizens of United States.	6 m	60 d	10 d	10 d	(b)	Yes.	Idiots, insane, convicts.
KANSAS — Citizens; aliens who have declared intention; women vote at municipal and school elections.	6 m	30 d	30 d	10 d	(b)	Yes.	Insane, persons under guardianship, convicts, bribers, defrauders of the government and persons dishonorably discharged from service of United States.
KENTUCKY—Citizens of U. S.	1 y.	6 m	60 d	60 d	(c)	No..	Treason, felony, bribery, idiots, insane.
LOUISIANA — Citizens who are able to read and write, who own $300 worth of property or whose father or grandfather was entitled to vote Jan. 1, 1867.	2 y.	1 y.	....	6 m	Yes.	No..	Idiots, insane, all crimes punishable by imprisonment, embezzling public funds unless pardoned.
MAINE—Citizens of the United States.	3 m	3 m	3 m	3 m	Yes.	Yes.	Paupers, persons under guardianship, Indians not taxed.
MARYLAND—Citizens of United States who can read.	1 y.	6 m	6 m	1 d.	Yes.	Yes.	Persons convicted of larceny or other infamous crime, persons under guardianship, insane, idiots.
MASSACHUSETTS—Citizens who can read and write English.	1 y.	6 m	6 m	6 m	Yes.	Yes.	Paupers (except United States soldiers), persons under guardianship.
MICHIGAN — Citizens, or aliens who declared intention prior to May 8, 1892.	6 m	20 d	20 d	20 d	Yes.	Yes.	Indians holding tribal relations, duelists and their abettors.
MINNESOTA — Citizens of the United States.	6 m	30 d	30 d	30 d	(d)	Yes.	Treason, felony unless pardoned, insane, persons under guardianship, uncivilized Indians.
MISSISSIPPI — Citizens who can read or understand the constitution.	2 y.	1 y.	1 y.	1 y.	Yes.	Yes.	Insane, idiots, felons, delinquent taxpayers.
MISSOURI—Citizens, or aliens who have declared intention not less than 1 nor more than 5 years before offering to vote.	1 y.	60 d	60 d	60 d	(e)	Yes.	Paupers, persons convicted of felony or other infamous crime or misdemeanor or violating right of suffrage, unless pardoned; second conviction disfranchises.
MONTANA—Citizens of U. S.	1 y.	30 d	30 d	30 d	Yes.	Yes.	Indians, felons, idiots, insane.
NEBRASKA — Citizens, or aliens who have declared intention 30 days before election.	6 m	40 d	10 d	10 d	(b)	Yes.	Lunatics, persons convicted of treason or felony unless pardoned, United States soldiers and sailors.
NEVADA — Citizens of United States.	6 m	30 d	30 d	30 d	Yes.	Yes.	Insane, idiots, convicted of treason or felony, unamnestied confederates against the United States, Indians and Chinese.
NEW HAMPSHIRE—Citizens of United States.	6 m	6 m	6 m	6 m	Yes.	Yes.	Paupers (except honorably discharged soldiers), persons excused from paying taxes at their own request.
NEW JERSEY—Citizens of United States.	1 y.	5 m	.....	.....	Yes.	Yes.	Paupers, insane, idiots and persons convicted of crimes which exclude them from being witnesses unless pardoned.
NEW YORK—Citizens who have been such for 90 days.	1 y.	4 m	30 d	30 d	Yes.	Yes.	Convicted of bribery or any infamous crime unless pardoned, betters on result of election, bribers for votes and the bribed.
NORTH CAROLINA—Citizens of United States who can read.	2 y.	6 m	....	4 m	Yes.	No..	Idiots, lunatics, convicted of felony or other infamous crimes, atheists.
NORTH DAKOTA — Citizens, or aliens who have declared intention 1 year and not more than 6 prior to election, and civilized Indians.	1 y.	6 m	....	90 d	(a)	Yes.	Felons, idiots, convicts unless pardoned, United States soldiers and sailors.

(a) Registration required in some counties. (b) In all cities. (c) In the cities of first, second and third class. (d) Required in cities of 1,200 inhabitants or over. (e) In cities of 100,000 population or over.

QUALIFICATIONS FOR SUFFRAGE.—CONTINUED.

REQUIREMENTS FOR VOTERS IN THE VARIOUS STATES.	PREVIOUS RESIDENCE REQUIRED.				Registration.	Ballot reform.	Excluded from voting.
	State.	County.	Town.	Precinct			
OHIO — Citizens of the United States.	1 y.	30 d	20 d	20 d	(*b*)	Yes.	Idiots, insane, United States soldiers and sailors, felons unless restored to citizenship.
OKLAHOMA — Citizens of the United States and native Indians	1 y.	6 m	30 d	30 d	.....	Yes.	Felons, paupers, idiots and lunatics.
OREGON — White male citizens, or aliens who have declared intention 1 year before election.	6 m	.....	.....	.....	No..	Yes.	Idiots, insane, convicted felons, Chinese, United States soldiers and sailors.
PENNSYLVANIA — Citizens at least 1 month, and if 22 years old must have paid tax within 2 yrs.	1 y.	.....	.....	2 m	Yes.	Yes.	Persons convicted of some offense forfeiting right of suffrage, nontaxpayers.
RHODE ISLAND — Citizens of United States.	2 y.	.....	6 m	.....	(*c*)	Yes.	Paupers, lunatics, idiots, convicted of bribery or infamous crime until restored.
SOUTH CAROLINA—Citizens of United States who can read.	2 y.	1 y.	4 m	4 m	Yes.	No..	Paupers, insane, idiots, convicted of treason, dueling or other infamous crime.
SOUTH DAKOTA — Citizens, or aliens who have declared intention.	6 m	30 d	10 d	10 d	(*d*)	Yes.	Persons under guardian, idiots, insane, convicted of treason or felony unless pardoned.
TENNESSEE—Citizens who have paid poll tax preceding year.	1 y.	6 m	.....	.....	(*e*)	Yes.	Convicted of bribery or other infamous crime, failure to pay poll tax.
TEXAS — Citizens, or aliens who have declared intention 6 months before election.	1 y.	6 m	6 m	.....	(*f*)	Yes.	Idiots, lunatics, paupers, convicts, United States soldiers and sailors.
UTAH—Citizens of United States, male or female.	1 y.	4 m	.....	60 d	.....	.....	Idiots, insane, convicted of treason or violation of election laws.
VERMONT — Citizens of United States.	1 y.	3 m	3 m	3 m	Yes.	Yes.	Unpardoned convicts, deserters from United States service during the war, ex-confederates.
VIRGINIA — Citizens of United States of good understanding who have paid poll tax for three years and all ex-soldiers.	2 y.	1 y.	1 y.	30 d	Yes.	No..	Idiots, lunatics, convicts unless pardoned by the legislature.
WASHINGTON—Citizens of United States.	1 y.	90 d	30 d	30 d	.....	Yes.	Indians not taxed.
WEST VIRGINIA — Citizens of the state.	1 y.	60 d	10 d	.....	No..	Yes.	Paupers, idiots, lunatics, convicts, bribers, United States soldiers and sailors.
WISCONSIN — Citizens, or aliens who have declared intention.	1 y.	10 d	10 d	10 d	(*a*)	Yes.	Insane, under guardian, convicts unless pardoned.
WYOMING—Citizens, male or female.	1 y.	60 d	10 d	10 d	Yes.	Yes.	Idiots, insane, felons, unable to read the state constitution.

(*a*) In cities of 3,000 population or over. (*b*) In cities of not less than 9,000 inhabitants. (*c*) Nontaxpayers must register yearly before Dec. 31. (*d*) In towns having 1,000 voters and counties where registration has been adopted by popular vote. (*e*) All counties having 50,000 inhabitants or over. (*f*) In cities of 10,000 or over.

NOTE—The word "citizen" as used in above table means citizen of the United States in all cases.

As shown in the above table women have full suffrage in Colorado, Idaho, Utah and Wyoming. In a more or less limited form, relating to taxation and school matters, woman suffrage exists in Arizona, California, Delaware, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Massachusetts, Michigan, Minnesota, Montana, Nebraska, Nevada, New Hampshire, New Jersey, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Vermont, Washington and Wisconsin.

CITIZENSHIP IN THE UNITED STATES.

All persons born or naturalized in the United States and subject to the jurisdiction thereof are citizens of the United States and of the state wherein they reside. (Fourteenth amendment to the constitution.)

All persons born in the United States and not subject to any foreign power, excluding Indians not taxed, are declared to be citizens of the United States. (Sec. 1992, U. S. Revised Statutes.)

All children heretofore born or hereafter born out of the limits and jurisdiction of the United States, whose fathers were or may be, at the time of their birth, citizens thereof, are declared to be citizens of the United States; but the rights of citizenship shall not descend to children whose fathers never resided in the United States. (Sec. 1993, U. S. Revised Statutes.)

Any woman who is now or may hereafter be married to a citizen of the United States and who might herself be lawfully naturalized shall be deemed a citizen. (Sec. 1995, U. S. Revised Statutes.)

Children born in the United States of alien parents are citizens of the United States.

When any alien who has formally declared his intention of becoming a citizen of the United States dies before he is actually naturalized the widow and children of such alien are citizens.

Children of Chinese parents who are themselves aliens and incapable of becoming naturalized are citizens of the United States.

Children born in the United States of persons engaged in the diplomatic service of foreign governments are not citizens of the United States.

Children born of alien parents on a vessel of a foreign country while within the waters of the United States are not citizens of the United States, but of the country to which the vessel belongs.

Children born of alien parents in the United States have the right to make an election of nationality when they reach their majority.

Minors and children are citizens within the meaning of the term as used in the constitution.

Deserters from the military or naval service of the United States are liable to loss of citizenship.

Any alien being a free white person, an alien of African nativity or of African descent may become an American citizen by complying with the naturalization laws.

"Hereafter no state court or court of the United States shall admit Chinese to citizenship; and all laws in conflict with this act are repealed." (Sec. 14, act of May 6, 1882.)

The courts have held that neither Chinese, Japanese, Hawaiians, Burmese nor Indians can be naturalized.

The naturalization laws apply to women as well as men. An alien woman who marries a citizen, native or naturalized, becomes a naturalized citizen of the United States.

Aliens may become citizens of the United States by treaties with foreign powers, by conquest or by special acts of congress.

In an act approved March 2, 1907, it is provided that any American citizen shall have expatriated himself when he has been naturalized in any foreign state in conformity with its laws, or when he has taken an oath of allegiance to any foreign state.

When any naturalized citizen shall have resided for two years in the foreign state from which he came, or five years in any other foreign state, it shall be presumed that he has ceased to be an American citizen, and the place of his general abode shall be deemed his place of residence during said years; provided, however, that such presumption may be overcome on the presentation of satisfactory evidence to a diplomatic or consular officer of the United States, under such rules and regulations as the department of state may prescribe; and, provided also, that no American citizen shall be allowed to expatriate himself when this country is at war.

Any American woman who marries a foreigner shall take the nationality of her husband. At the termination of the marital relation she may resume her American citizenship, if abroad, by registering as an American citizen within one year with a consul of the United States, or by returning to reside in the United States, or, if residing in the United States at the termination of the marital relation, by continuing to reside therein.

Any foreign woman who acquires American citizenship by marriage to an American citizen shall be assumed to retain the same after the termination of the marital relation if she continue to reside in the United States, unless she makes formal renunciation thereof before a court having jurisdiction to naturalize aliens, or, if she resides abroad, she may retain her citizenship by registering as such before a United States consul within one year after the termination of such marital relation.

A child born without the United States, of alien parents, shall be deemed a citizen of the United States by virtue of the naturalization of or resumption of American citizenship of the parent; provided that such naturalization or resumption takes place during the minority of such child; and, provided further, that the citizenship of such minor child shall begin at the time such minor child begins to reside permanently in the United States.

All children born outside the limits of the United States, who are citizens thereof in accordance with the provisions of section 1993 of the Revised Statutes of the United States (see above), and who continue to reside outside of the United States, shall, in order to receive the protection of the government, be required, upon reaching the age of 18 years, to record at an American consulate their intention to become residents and remain citizens of the United States and shall further be required to take the oath of allegiance to the United States upon attaining their majority.

NATURALIZATION LAWS.

Approved June 29, 1906.

Exclusive jurisdiction to naturalize aliens resident in their districts is conferred upon the United States Circuit and District courts and all courts of record having a seal, a clerk and jurisdiction in actions in law or equity or both in which the amount in controversy is unlimited.

An alien may be admitted to citizenship in the following manner and not otherwise:

I. He shall declare on oath before the clerk of the proper court at least two years before his admission, and after he has reached the age of 18 years, that it is bona fide his intention to become a citizen of the United States and to renounce allegiance to any foreign state or sovereignty. Such declaration shall set forth the same facts as are registered at the time of his arrival.

2. Not less than two years nor more than seven after he has made such declaration he shall file a petition, signed by himself and verified, in which he shall state his name, place of residence, occupation, date and place of birth, place from which he emigrated, name of the vessel on which he arrived; the time when and the place and name of the court where he declared his intention of becoming a citizen; if he is married, he shall state the name of his wife, the country of her nativity and her place of residence at the time the petition is filed, and if he has children, the name, date and place of birth and place of residence of each child living. The petition shall also set forth that he is not a disbeliever in or opposed to organized government or a member of any body of persons opposed to organized government, and that he is not a polygamist or a believer in polygamy; that he intends to become a citizen of and to live permanently in the United States, and every other fact material to his naturalization and required to be proved upon the final hearing of his application. The petition shall be verified by the affidavits of at least two credible witnesses who are citizens. At the time of the filing of the petition there shall be also filed a certificate from the department of commerce and labor stating the date, place and manner of his arrival in the United States and the declaration of intention of such petitioner, which certificate and declaration shall be attached to and be a part of his petition.

3. He shall, before he is admitted to citizenship, declare on oath in open court that he will support the constitution of the United States, and that he absolutely renounces all allegiance to any foreign prince, potentate, state or sovereignty.

4. It shall be made apparent to the satisfaction of the court admitting any alien to citizenship that immediately preceding the date of his application he has resided continuously within the United States five years at least, and within the state or territory where such court is at the time held one year at least, and that during that time he has behaved as a man of good moral character, attached to the principles of the constitution. In addition to the oath of the applicant, the testimony of at least two witnesses, citizens of the United States, as to the facts of residence, moral character and attachment to the principles of the constitution shall be required.

5. He must renounce any hereditary title or order of nobility which he may possess.

6. When any alien, who has declared his intention, dies before he is actually naturalized the widow and minor children may, by complying with the other provisions of the act, be naturalized without making any declaration of intention.

Immediately after the filing of the petition the clerk of the court shall give notice thereof by posting in a public place the name, nativity and residence of the alien, the date and place of his arrival in the United States and the date for the final hearing of his petition and the names of the witnesses whom the applicant expects to summon in his behalf. Petitions for naturalization may be filed at any time, but final action thereon shall be had only on stated days and in no case until at least ninety days have elapsed after the filing of the petition. No person shall be naturalized within thirty days preceding a general election within the territorial jurisdiction of the court.

No person who disbelieves in or who is opposed to organized government, or who is a member of or affiliated with any organization entertaining and teaching such disbelief in or opposition to organized government, or who advocates or teaches the duty, necessity or propriety of the unlawful assaulting or killing of any officer or officers of the government of the United States, or of any other organized government, because of his or their official character, or who is a polygamist, shall be naturalized.

No alien shall hereafter be naturalized or admitted as a citizen of the United States who cannot speak the English language. This requirement does not apply to those physically unable to comply with it; or to those making homestead entries upon the public lands of the United States

PRESIDENTIAL VOTE (1828-1908).

YR.	Candidate.	Party.	Popular vote.	Per cent.	Electoral vote.
1828	Jackson	Democrat	647,231	55.97	178
1828	Adams	Federal	509,097	44.03	83
1832	Jackson	Democrat	687,502	54.96	219
1832	Clay	Whig	530,189	42.39	49
1832	Floyd	Whig	33,108	2.65	11
1832	Wirt	Anti-M			7
1836	Van Buren	Democrat	761,549	50.83	170
1836	Harrison	Whig	736,656	49.17	73
1836	White	Whig			26
1836	Webster	Whig			14
1836	Mangum	Whig			11
1840	Van Buren	Democrat	1,128,702	46.82	60
1840	Harrison	Whig	1,275,017	52.89	234
1840	Birney	Liberty	7,059	.39	.....
1844	Polk	Democrat	1,337,243	49.55	170
1844	Clay	Whig	1,299,068	48.14	105
1844	Birney	Liberty	62,300	2.31	.....
1848	Taylor	Whig	1,360,101	47.36	163
1848	Cass	Democrat	1,220,544	42.50	107
1848	Van Buren	Free Soil	291,263	10.14	.....
1852	Pierce	Democrat	1,601,474	51.03	254
1852	Scott	Whig	1,380,678	43.99	42
1852	Hale	Free Soil	156,149	4.98	.....
1856	Buchanan	Democrat	1,838,169	45.34	174
1856	Fremont	Republican	1,341,264	33.09	114
1856	Fillmore	American	874,534	21.57	8
1860	Douglas	Democrat	1,375,157	29.40	12
1860	Breckinridge	Democrat	845,763	18.08	72
1860	Lincoln	Republican	1,866,352	39.91	180
1860	Bell	Union	589,581	12.61	39
1864	McClellan	Democrat	1,808,725	55.06	21
1864	Lincoln	Republican	2,216,067	44.94	216
1868	Seymour	Democrat	2,709,613	47.33	80
1868	Grant	Republican	3,015,071	52.67	214
1872	Greeley	Democrat	2,834,079	43.83	*66
1872	O'Conor	Ind. Dem	29,408	.45	.....
1872	Grant	Republican	3,597,070	55.63	292
1872	Black	T'mpera'ce	5,608	.09	.....
1876	Tilden	Democrat	4,284,885	50.94	184
1876	Hayes	Republican	4,033,950	47.95	185
1876	Cooper	Greenback	81,740	.97	.....
1876	Smith	Prohibition	9,522	.11	.....
1876	Walker	American	2,636	.03	.....
1880	Hancock	Democrat	4,442,035	48.23	155
1880	Garfield	Republican	4,449,053	48.31	214
1880	Weaver	Greenback	307,306	3.34	.....
1880	Dow	Prohibition	10,487	.11	.....
1880	Phelps	American	707	.01	.....
1884	Cleveland	Democrat	4,911,017	48.89	219
1884	Blaine	Republican	4,848,334	48.27	182
1884	Butler	Greenback	133,825	1.33	.....
1884	St. John	Prohibition	151,809	1.51	.....
1888	Cleveland	Democrat	5,540,050	48.66	168
1888	Harrison	Republican	5,444,337	47.82	233
1888	Streeter	Union Lab	146,897	1.29	.....
1888	Fisk	Prohibition	250,125	2.20	.....
1888	Cowdrey	United Lab	2,808	.03	.....
1892	Cleveland	Democrat	5,554,414	46.04	277
1892	Harrison	Republican	5,190,802	43.02	145
1892	Bidwell	Prohibition	271,058	2.24	.....
1892	Weaver	People's	1,027,329	8.51	22
1892	Wing	Socialist	21,164	.19	.....
1896	McKinley	Republican	7,035,638	50.88	271
1896	Bryan	Democrat	6,467,946	46.77	176
1896	Levering	Prohibition	141,676	1.03	.....
1896	Bentley	National	13,969	.10	.....
1896	Matchett	Soc. Labor	36,454	.27	.....
1896	Palmer	Nat. Dem	131,529	.95	.....
1900	McKinley	Republican	7,219,530	51.69	292
1900	Bryan	Democrat	6,358,071	45.51	155
1900	Woolley	Prohibition	209,166	1.49	.....
1900	Barker	People's	50,232	.37	.....
1900	Debs	Soc. Dem	94,768	.67	.....
1900	Malloney	Soc. Lab	32,751	.23	.....
1900	Leonard	United Chr	518	.00	.....
1900	Ellis	Union L	5,068	.04	.....
1904	Roosevelt	Republican	7,628,834	56.41	336
1904	Parker	Democrat	5,084,491	37.60	140
1904	Swallow	Prohibition	259,257	1.91	.....
1904	Debs	Socialist	402,460	2.98	.....
1904	Watson	People's	114,753	.85	.....
1904	Corregan	Soc. Lab	33,724	.25	.....
1904	Holcomb	Continental	830	.00	.....
1908	Taft	Republican	7,679,006	51.58	321
1908	Bryan	Democrat	6,409,106	43.05	162
1908	Chafin	Prohibition	252,683	1.69	.....
1908	Debs	Socialist	420,820	2.83	.....
1908	Watson	People's	28,131	.19	.....
1908	Hisgen	Ind'p'nd'ce	83,562	.56	.....
1908	Gillhaus	Soc. Lab	13,825	.10	.....
1908	Turney	Untd. Chr	461	.00	.....

*Owing to the death of Mr. Greeley, the 66 electoral votes were variously cast. Thomas A. Hendricks received 42, B. Gratz Brown 18, Horace Greeley 3, Charles J. Jenkins 2, David Davis 1.

PARTY PLURALITIES AND TOTAL VOTE.

Year.	Plurality. Republican.	Plurality. Democratic.	Total vote.
1828	.....	138,134	1,156,328
1832	.....	157,313	1,250,799
1836	.....	24,893	1,498,205
1840	146,315*	.....	2,410,778
1844	.....	38,175	2,698,611
1848	139,557*	.....	2,871,928
1852	.....	220,796	3,138,301
1856	.....	496,905	4,053,967
1860	491,195	.....	4,676,863
1864	407,342	.....	4,024,792
1868	305,458	.....	5,724,684
1872	762,991	.....	6,466,165
1876	.....	250,935	8,412,733
1880	7,018	.....	9,209,588
1884	.....	62,683	10,044,985
1888	.....	95,713	11,384,216
1892	.....	363,612	12,064,767
1896	567,692	.....	13,827,212
1900	861,459	.....	13,970,134
1904	2,544,343	.....	13,524,349
1908	1,269,900	.....	†14,887,594

*Whig. †Includes 461 votes cast for United Christian party.

LONGEST RIVERS OF THE WORLD.

River.	Miles in length.
Mississippi-Missouri	4,194
Nile	3,670
Amazon	3,300
Ob	3,235
Yangtsekiang	3,000
LaPlata	2,950
Lena	2,860
Kongo	2,800
Amur	2,700
Mekong	2,600
Niger	2,600
Yenisei	2,500
Volga	2,325
Hwangho	2,300
Yukon	2,050
Colorado	2,000
Indus	2,000

AVERAGE DEPTH OF OCEANS AND SEAS.

	Feet.
Antarctic	10,800
Arctic	5,160
Atlantic	12,200
Indian	11,136
Pacific	12,960
Baltic	122
Bering	900
Caribbean	7,614
China	402
Japan	7,320
Mediterranean	4,560
Mexico, Gulf of	4,632
North	300
Okhotsk	5,040

The mean depth of all the oceans and seas is estimated to be from 2 to 2¼ miles. The greatest depth reported is 31,614 feet, or nearly 6 miles, near the island of Guam in the Pacific. The greatest known depth in the Atlantic is 27,366 feet, off the coast of Porto Rico.

THE PRESIDENTIAL ELECTION OF 1912.

The next president and vice-president of the United States will be chosen Nov. 5, 1912. As is well known, these officials are not elected directly by the people, but by electors, who are voted for on the party tickets on the date named. The electors chosen will meet Monday, Jan. 13, 1913, in their respective states and vote by ballot for president and vice-president of the United States. The result will be transmitted to the president of the senate in Washington, Wednesday, Feb. 12, 1913, the electoral votes will be opened and counted in the presence of both houses of congress and the result announced by the president of the senate.

While the president and vice-president are thus formally elected in 1913, the actual choice is made in 1912. In the spring and summer of that year national party conventions will be held for the nomination of candidates for president and vice-president of the United States for the term beginning March 4, 1913. These conventions are not provided for by the constitution, but it has become the invariable rule that the candidates presented by them are voted for by the presidential electors. The latter are nominated at the state party conventions or primaries and are elected on the first Tuesday after the first Monday of every fourth year preceding the end of the presidential term. Each state is entitled to as many electors as it has senators and representatives. No senator or representative or person holding an office of trust or honor under the United States may be an elector. The twelfth amendment to the constitution prescribes how the electors shall meet and cast their ballots and how congress shall count the votes. The article is as follows:

"The electors shall meet in their respective states and vote by ballot for president and vice-president, one of whom at least shall not be an inhabitant of the same state with themselves; they shall name in their ballots the person voted for as president, and in distinct ballots the person voted for as vice-president, and they shall make distinct lists of all persons voted for as president and of all persons voted for as vice-president, and of the number of votes for each, which list they shall sign and certify and transmit, sealed, to the seat of the government of the United States, directed to the president of the senate.

"The president of the senate shall, in the presence of the senate and house of representatives, open all the certificates and the votes shall then be counted; the person having the greatest number of votes for president shall be the president, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as president, the house of representatives shall choose immediately by ballot the president. But in choosing the president the votes shall be taken by states, the representation from each state having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the states, and a majority of all the states shall be necessary to a choice. And if the house of representatives shall not choose a president, whenever the right of choice shall devolve upon them, before the 4th day of March next following, then the vice-president shall act as president, as in the case of the death or other constitutional disability of the president.

"The person having the greatest number of votes as vice-president shall be the vice-president, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then from the two highest numbers on the list the senate shall choose the vice-president; a quorum for the purpose shall consist of two-thirds of the whole number of senators, and a majority of the whole number shall be necessary to a choice. But no person constitutionally ineligible to the office of president shall be eligible to that of vice-president of the United States."

Section 5, article II., of the constitution prescribes the qualifications of the president as follows:

"No person except a natural born citizen or a citizen of the United States at the time of the adoption of the constitution shall be eligible to the office of president; neither shall any person be eligible to that office who shall not have attained to the age of 35 years and been fourteen years a resident within the United States."

The qualifications of the vice-president are the same as those of the president.

TERMS OF ELECTIVE OFFICIALS.

In Illinois, Cook County and Chicago.

Office.	Years.
State—Representatives	2
Senators	4
Governor	4
Lieutenant-governor	4
Secretary of state	4
Treasurer	2
Auditor	4
Attorney-general	4
Supt. public instruction	4
University trustees	4
Members board equalization	4
Judges Supreme court	9
Clerk Supreme court	6
Appellate court clerks	6
Cook County—Commissioners	2
Pres. county commissioners	2
Sheriff	4
Treasurer	4
Coroner	4
State's attorney	4
Superintendent of schools	4
County clerk	4
Recorder	4
County judge	4
Probate judge	4
Clerk Probate court	4
Circuit court judges	6
Clerk Circuit court	4
Judges Superior court	6
Clerk Superior court	4
Clerk Criminal court	4
Assessors	6
Members board of review	6
Chicago—Mayor	4
Aldermen	2
City clerk	2
City treasurer	2
Municipal court judges	6
Chief justice Municipal court	6
Clerk Municipal court	6
Bailiff Municipal court	6
Sanitary district trustees	6
President sanitary board	6

County officers throughout the state are elected for four years. Township officers, such as supervisors, assessors, collectors and town clerks, are elected for one-year terms. Highway commissioners are elected for three years.

TERRITORIAL GROWTH OF THE UNITED STATES.

Acquisition.	Year acquired.	Area in sq. miles.	Price paid.
Original territory	....	827,844	....
Louisiana	1803	1,182,752	$27,267,621
Florida	1819	59,268	6,489,768
Texas	1845	371,063	Annexed
Bought of Texas	1850	96,707	16,000,000
Mexican purchase	1848	522,568	15,000,000
Gadsden purchase (from Mexico)	1853	45,535	10,000,000
Alaska	1867	590,884	7,000,000
Hawaii	1898	6,449	Annexed
Porto Rico	1899	3,600	$20,000,000
Philippine islands	1899	114,000	$20,000,000
Guam	1899	200	$20,000,000
Panama canal zone	1904	400	....
Wake island	1899	....	Annexed
Tutuila group, Samoa	1900	70	Annexed
Cagayan de Jolo	1900	....	100,000
Sibutu	1900	....	100,000

NATIONAL NOMINATING CONVENTIONS SINCE 1880.

Place and date of each and names of nominees for president and vice-president in the order named:

1880—Democratic: Cincinnati, O., June 22-24; Winfield S. Hancock and William H. English.
Republican: Chicago, Ill., June 2-8; James A. Garfield and Chester A. Arthur.
Greenback: Chicago, Ill., June 9-11; James B. Weaver and B. J. Chambers.
Prohibition: Cleveland, O., June 17; Neal Dow and A. M. Thompson.

1884—Democratic: Chicago, Ill., July 8-11; Grover Cleveland and Thomas A. Hendricks.
Republican: Chicago, Ill., June 3-6; James G. Blaine and John A. Logan.
Greenback: Indianapolis, Ind., May 28-29; Benjamin F. Butler and Alanson M. West.
American Prohibition: Chicago, Ill., June 19; Samuel C. Pomeroy and John A. Conant.
National Prohibition: Pittsburg, Pa., July 23; John P. St. John and William Daniel.
Anti-Monopoly: Chicago, Ill., May 14; Benjamin F. Butler and Alanson M. West.
Equal Rights: San Francisco, Cal., Sept. 20; Mrs. Belva A. Lockwood and Mrs. Marietta L. Stow.

1888—Democratic: St. Louis, Mo., June 5; Grover Cleveland and Allen G. Thurman.
Republican: Chicago, Ill., June 19; Benjamin Harrison and Levi P. Morton.
Prohibition: Indianapolis, Ind., May 20; Clinton B. Fisk and John A. Brooks.
Union Labor: Cincinnati, O., May 15; Alson J. Streeter and Samuel Evans.
United Labor: Cincinnati, O., May 15; Robert H. Cowdrey and W. H. T. Wakefield.
American: Washington, D. C., Aug. 14; James L. Curtis and James R. Greer.
Equal Rights: Des Moines, Iowa, May 15; Mrs. Belva A. Lockwood and Alfred H. Love.

1892—Democratic: Chicago, Ill., June 21; Grover Cleveland and Adlai E. Stevenson.
Republican: Minneapolis, Minn., June 7-10; Benjamin Harrison and Whitelaw Reid.
Prohibition: Cincinnati, O., June 29; John Bidwell and J. B. Cranfill.
National People's: Omaha, Neb., July 2-5; James B. Weaver and James G. Field.
Socialist-Labor: New York, N. Y., Aug. 28; Simon Wing and Charles H. Matchett.

1896—Democratic: Chicago, Ill., July 7; William J. Bryan and Arthur Sewall.
Republican: St. Louis, Mo., June 16; William McKinley and Garret A. Hobart.
People's Party: St. Louis, Mo., July 22; William J. Bryan and Thomas E. Watson.
Silver Party: St. Louis, Mo., July 22; William J. Bryan and Arthur Sewall.
National Democratic: Indianapolis, Ind., Sept. 2; John M. Palmer and Simon B. Buckner.
Prohibition: Pittsburg, Pa., May 27; Joshua Levering and Hale Johnson.
National Party: Pittsburg, Pa., May 28; Charles E. Bentley and James H. Southgate.
Socialist-Labor: New York, N. Y., July 6; Charles H. Matchett and Matthew Maguire.

1900—Democratic: Kansas City, Mo., July 4-6; William J. Bryan and Adlai E. Stevenson.
Republican: Philadelphia, Pa., June 19-21; William McKinley and Theodore Roosevelt.
People's Party: Sioux Falls, S. D., May 9-10; William J. Bryan and Adlai E. Stevenson.
People's Party (Middle-of-the-Road): Cincinnati, O., May 9-10; Wharton Barker and Ignatius Donnelly.
Silver Republican: Kansas City, Mo., July 4-6; William J. Bryan and Adlai E. Stevenson.
Prohibition: Chicago, Ill., June 27-28; John G. Woolley and Henry B. Metcalf.
Socialist-Labor: New York, N. Y., June 2-8; Joseph P. Malloney and Valentine Remmel.
Social Democratic Party of the United States: Rochester, N. Y., Jan 27; Job Harriman and Max S. Hayes.
Social Democratic Party of America: Indianapolis, Ind., March 6; Eugene V. Debs and Job Harriman.
Union Reform: Baltimore, Md., Sept. 3; Seth W. Ellis and Samuel T. Nicholson.

1904—Democratic: St. Louis, Mo., July 6-9; Alton B. Parker and Henry G. Davis.
Republican: Chicago, Ill., June 21-23; Theodore Roosevelt and Charles W. Fairbanks.
People's party: Springfield, Ill., July 4-6; Thomas E. Watson and Thomas H. Tibbles.
Prohibition: Indianapolis, Ind., June 29-July 1; Silas C. Swallow and George W. Carroll.
Socialist-Labor: New York, N. Y., July 3-9; Charles H. Corregan and William W. Cox.
Socialist-Democratic Party of America: Chicago, Ill., May 1-6; Eugene V. Debs and Benjamin Hanford.
Continental: Chicago, Ill., Aug. 31; Charles H. Howard and George H. Shibley. (Nominees declined and Austin Holcomb and A. King were substituted by the national committee.)

1908—Republican: Chicago, June 16-19; William H. Taft and James S. Sherman.
Democratic: Denver, July 7-10; William J. Bryan and John W. Kern.
Socialist: Chicago, May 10-18; Eugene V. Debs and Benjamin Hanford.
Prohibition: Columbus, O., July 15-16; Eugene W. Chafin and Aaron S. Watkins.
Independence: Chicago, July 27-28; Thomas L. Hisgen and John Temple Graves.
People's: St. Louis, April 2-3; Thomas E. Watson and Samuel W. Williams.
United Christian: Rock Island, Ill., May 1; Daniel Braxton and L. S. Coffin.
Socialist-Labor: New York, July 2-5; Martin R. Preston and Donald L. Munro. (Preston declined and August Gillhaus was named in his place.)

THE ELECTORAL COLLEGE.

The president and vice-president of the United States are not elected directly by the people, but by the members of an electoral college who are voted for at the regular presidential elections. Each state is entitled to as many representatives in the electoral college as there are congressional districts in the states and in addition one for each senator. Following is the electoral vote of the states, based upon the apportionment of representatives made by congress under the census of 1900:

State.	Electoral vote.	State.	Electoral vote.	State.	Electoral vote.	State.	Electoral vote.
Alabama	11	Kentucky	13	New Hampshire	4	Tennessee	12
Arkansas	9	Louisiana	9	New Jersey	12	Texas	18
California	10	Maine	6	New York	39	Utah	3
Colorado	5	Maryland	8	North Carolina	12	Vermont	4
Connecticut	7	Massachusetts	16	North Dakota	4	Virginia	12
Delaware	3	Michigan	14	Ohio	23	Washington	5
Florida	5	Minnesota	11	Oklahoma	7	West Virginia	7
Georgia	13	Mississippi	10	Oregon	4	Wisconsin	13
Idaho	3	Missouri	18	Pennsylvania	34	Wyoming	3
Illinois	27	Montana	3	Rhode Island	4		
Indiana	15	Nebraska	8	South Carolina	9	Total	483
Iowa	13	Nevada	3	South Dakota	4	Necessary to choice	242
Kansas	10						

NATIONAL PARTY PLATFORMS OF 1908.

[For full text see The Daily News Almanac and Year-Book for 1909, page 195.]

PEOPLE'S.

Adopted at St. Louis, April 3.

The people's party advocates the issuance of money direct by the government to the people without the intervention of the national banks, to be distributed through federal and internal improvement; the public ownership of railroads and other public utilities; homesteading of land; the parcels post; governmental regulation of corporations by a general law regulating corporations doing an interstate business; initiative and referendum; direct vote for all public officers, with the power of recall; federal statute recognizing the principle of the initiative and referendum; giving the people power of instructing their national representatives in congress; abolition of child labor; the eight-hour day; an employers' liability law; condemnation of federal injunctions and gambling on futures.

UNITED CHRISTIAN.

Reaffirmed at Rock Island, Ill., May 1.

The platform of the united Christian party is based on the ten commandments and the golden rule and favors direct primary elections, the initiative, referendum, recall, uniform marriage and divorce laws, equal rights for men and women, government ownership of coal mines, oil wells and public utilities; the regulation of trusts and the election of the president and vice-president and senators of the United States by the direct vote of the people.

SOCIALIST.

Adopted at Chicago, May 17.

"We advocate and pledge ourselves and our elected officers to the following programme:

"1. The immediate government relief for the unemployed workers by building schools, by reforesting of cutover and waste lands, by reclamation of arid tracts, and the building of canals, and by extending all other useful public works. All persons employed on such works shall be employed directly by the government under an eight-hour workday and at the prevailing union wages. The government shall also loan money to states and municipalities, without interest, for the purpose of carrying on public works. It shall contribute to the funds of labor organizations for the purpose of assisting their unemployed members, and shall take such other measures within its power as will lessen the widespread misery of the workers caused by the misrule of the capitalist class.

"2. The collective ownership of railroads, telegraphs, telephones, steamship lines and all other means of social transportation and communication, and all land.

"3. The collective ownership of all industries which are organized on a national scale and in which competition has virtually ceased to exist.

"4. The extension of the public domain to include mines, quarries, oil wells, forests and water power.

"5. The occupancy and use of land to be the sole title to possession. The scientific reforestation of timber lands and the reclamation of swamp lands. The land so reforested or reclaimed to be permanently retained as a part of the public domain.

"6. The absolute freedom of press, speech and assemblage.

"7. The improvement of the industrial condition of the workers—

(a). By shortening the workday in keeping with the increased productiveness of machinery.

(b) By securing to every worker a rest period of not less than a day and a half in each week.

(c) By securing a more effective inspection of workshops and factories.

(d) By forbidding the employment of children under 16 years of age.

(e) By forbidding the interstate transportation of the products of child labor, of convict labor and of all uninspected factories.

(f) By abolishing official charity and substituting in its place compulsory insurance against unemployment, illness, accidents, invalidism, old age and death.

"8. The extension of inheritance taxes, graduated in proportion to the amount of the bequests and to the nearness of kin.

"9. A graduated income tax.

"10. Unrestricted and equal suffrage for men and women, and we pledge ourselves to engage in an active campaign in that direction.

"11. The initiative and referendum, proportional representation and the right of recall.

"12. The abolition of the senate.

"13. The abolition of the power usurped by the Supreme court of the United States to pass upon the constitutionality of legislation enacted by congress. National laws to be repealed or abrogated only by act of congress or by a referendum of the whole people.

"14. That the constitution be made amendable by a majority vote.

"15. The enactment of further measures for general education and for the conservation of health. The bureau of education to be made a department. The creation of a department of public health.

"16. The separation of the present bureau of labor from the department of commerce and labor, and the establishment of a department of labor.

"17. That all judges be elected by the people for short terms, and that the power to issue injunctions shall be curbed by immediate legislation.

"18. The free administration of justice."

SOCIALIST LABOR.

Adopted at New York city, July 5.

The socialist labor party at its national convention in New York city, July 2-5, 1908, reaffirmed the platform adopted in 1904. This, in substance, advocates the ending of the present struggle between the capitalist and laboring classes by placing the land and the means of production, transportation and distribution into the hands of the people as a collective body and substituting the co-operative commonwealth for the present state of planless production, industrial war and social disorder—a commonwealth in which every worker shall have the free exercise and full benefit of his faculties, multiplied by all the modern factors of civilization.

DEMOCRATIC.

Adopted at Denver, July 10.

The platform denounces the waste of the people's money through extravagant appropriations by congress and the increase in the number of officeholders. It charges that the house of representatives has ceased to be a deliberative and legislative body, responsive to the will of the majority of its members, and has come under the absolute domination of the speaker. It pledges the democratic party to the enactment of a law preventing corporations from making campaign contributions and any individual from contributing an amount above a reasonable maximum and providing for the publication of contributions. It opposes the extension of the powers of the general government by judicial construction and insists that federal remedies for the regulation of interstate commerce and for the prevention of private monopoly shall be added to, not substituted for, state remedies.

"We favor immediate revision of the tariff by the reduction of import duties. Articles entering into competition with trust-controlled products should be placed upon the free list and material reductions should be made in the tariff upon the necessaries of life, especially upon articles competing with such American manufactures as are sold abroad more cheaply than at home; and graduate reductions should be made in such other schedules as may be necessary to restore the tariff to a revenue basis. We demand the immediate repeal of the tariff on wood pulp, print paper, lumber, timber and logs and that these articles be placed upon the free list.

"A private monopoly is indefensible and intoler-

able. We, therefore, favor the vigorous enforcement of the criminal law against guilty trust magnates and officials, and demand the enactment of such additional legislation as may be necessary to make it impossible for a private monopoly to exist in the United States. Among the additional remedies we specify three: First, a law preventing a duplication of directors among competing corporations; second, a license system which will, without abridging the right of each state to create corporations, or its right to regulate as it will foreign corporations doing business within its limits, make it necessary for a manufacturing or trading corporation engaged in interstate commerce to take out a federal license before it shall be permitted to control as much as 25 per cent of the product in which it deals, the license to protect the public from watered stock and to prohibit the control by such corporations of more than 50 per cent of the total amount of any product consumed in the United States; and third, a law compelling such licensed corporation to sell to all purchasers in all parts of the country on the same terms, after making due allowance for cost of transportation.

"We assert the right of congress to exercise complete control over interstate commerce and the right of each state to exercise like control over commerce within its borders. We demand such enlargement of the powers of the interstate-commerce commission as may be necessary to compel railroads to perform their duties as common carriers and prevent discrimination and extortion. We favor the efficient supervision and rate regulation of railroads engaged in interstate commerce, and to this end we recommend the valuation of railroads by the interstate-commerce commission, such valuation to take into consideration the physical value of the property, the original cost, cost of production and all elements of value that will render the valuation fair and just. We favor such legislation as will prohibit the railroads from engaging in business which brings them into competition with their shippers, also legislation preventing the overissue of stocks and bonds by interstate railroads and legislation which will assure such reduction in transportation rates as conditions will permit, care being taken to avoid reductions that would compel a reduction of wages, prevent adequate service or do injustice to legitimate investment. We favor such legislation as will increase the power of the interstate-commerce commission, giving to it the initiative with reference to rates and transportation charges put into effect by the railroad companies and permitting the interstate-commerce commission on its own initiative to declare a rate illegal and as being more than should be charged for such service. We further declare in favor of a law providing that all agreements of traffic or other associations of railway agents affecting interstate rates, service or classification shall be unlawful unless filed with and approved by the interstate-commerce commission.

"We favor a postal savings bank, if the guaranteed bank cannot be secured, and believe that it should be so constituted as to keep the deposited money in the community where the depositors live. But we condemn the policy of the republican party in proposing postal savings banks under a plan of conduct by which they will aggregate the deposits of rural communities and redeposit the same while under government charge in the banks of Wall street, thus depleting the circulating medium of the producing regions and unjustly favoring the speculative markets.

"We favor an income tax as part of our revenue system, and we urge the submission of a constitutional amendment specifically authorizing congress to levy and collect a tax upon individual and corporate incomes, to the end that wealth may bear its proportionate share of the burdens of the federal government.

"Experience has proved the necessity of a modification of the present law relating to injunctions, and we reiterate the pledges of our national platforms of 1896 and 1904 in favor of the measure which passed the United States senate in 1896, but which a republican congress has ever since refused to enact, relating to contempts in federal courts and providing for trial by jury in cases of indirect contempt. Questions of judicial practice have arisen, especially in connection with industrial disputes. We deem that parties to all judicial proceedings should be treated with rigid impartiality and that injunctions should not be issued in any case in which injunctions would not issue if no industrial dispute were involved."

The platform further pledges the democratic party to the enactment of a general employers' liability law, to the creation of a federal department of labor, represented separately in the president's cabinet, to the upbuilding of the merchant marine without bounties and to the maintenance of an adequate navy. It favors a generous pension policy and advocates the organization of a national bureau of public health.

"We favor the election of United States senators by direct vote of the people, and regard this reform as the gateway to other national reforms.

"We earnestly favor the immediate adoption of a liberal and comprehensive plan for improving every water course in the union which is justified by the needs of commerce, and, to secure that end, we favor, when practicable, the connection of the great lakes with the navigable rivers and with the gulf, through the Mississippi river, and the navigable rivers with each other, and the rivers, bays and sounds of our coasts with each other by artificial canals, with a view to perfecting a system of inland waterways, to be navigated by vessels of standard draft.

"We repeat the demand for internal development and for the conservation of our natural resources contained in previous platforms, the enforcement of which Mr. Roosevelt has vainly sought from a reluctant party; and to that end we insist upon the preservation, protection and replacement of needed forests, the preservation of the public domain for homeseekers, the protection of the nation's natural resources in timber, coal, iron and oil against monopolistic control, the development of our waterways for navigation and every other useful purpose, including the irrigation of arid lands, the reclamation of swamp lands, the clarification of streams, the development of water power and the preservation of electric power generated by this natural force from the control of monopoly; and to such end we urge the exercise of all powers, national, state and municipal, both separately and in co-operation.

"We condemn the experiment in imperialism as an inexcusable blunder which has involved us in an enormous expense, brought us weakness instead of strength, and laid our nation open to the charge of abandoning a fundamental doctrine of self-government. We favor an immediate declaration of the nation's purpose to recognize the independence of the Philippine islands as soon as a stable government can be established, such independence to be guaranteed by us as we guarantee the independence of Cuba, until the neutralization of the islands can be secured by treaty with other powers. In recognizing the independence of the Philippines our government should retain such land as may be necessary for coaling stations and naval bases."

PROHIBITIONIST.

Adopted at Columbus, O., July 16.

The prohibition party of the United States, assembled in convention at Columbus, O., July 15-16, 1908, expressing gratitude to Almighty God for the victories of our principles in the past, for encouragement at present and for confidence in early and triumphant success in the future, makes the following declaration of principles and pledges their enactment into law when placed in power:

1. The submission by congress to the several states of an amendment to the federal constitution prohibiting the manufacture, sale, importation, exportation or transportation of alcoholic liquors for beverage purposes.

2. The immediate prohibition of the liquor traffic for beverage purposes in the district of Columbia, in the territories and all places over which the national government has jurisdiction; the repeal of the internal revenue tax on alcoholic liquors and the prohibition of interstate traffic therein.

3. The election of United States senators by direct vote of the people.

4. Equitable graduated income and inheritance taxes.
5. The establishment of postal savings banks and the guaranty of deposits in banks.
6. The regulation of all corporations doing an interstate-commerce business.
7. The creation of permanent tariff commissions.
8. The strict enforcement of law instead of official tolerance and practical license of the social evil which prevails in many of our cities, with its unspeakable traffic in girls.
9. Uniform marriage and divorce laws.
10. An equitable and constitutional employers' liability act.
11. Court review of postoffice department decisions.
12. The prohibition of child labor in mines, workshops and factories.
13. Legislation basing suffrage only upon intelligence and ability to read and write the English language.
14. The preservation of the mineral and forest resources of the country and the improvement of the highways and waterways.

REPUBLICAN.

Adopted at Chicago, June 18.

"The republican party declares unequivocally for a revision of the tariff by a special session of congress immediately following the inauguration of the next president, and commends the steps already taken to this end in the work assigned to the appropriate committees of congress which are now investigating the operation and effect of existing schedules. In all tariff legislation the true principle of protection is best maintained by the imposition of such duties as will equal the difference between the cost of production at home and abroad, together with a reasonable profit to American industries. We favor the establishment of maximum and minimum rates to be administered by the president under limitations fixed in the law, the maximum to be available to meet discriminations by foreign countries against American goods entering their markets and the minimum to represent the normal measure of protection at home; the aim and purpose of the republican policy being not only to preserve, without excessive duties, that security against foreign competition to which American manufacturers, farmers and producers are entitled, but also to maintain the high standard of living of the wage earners of this country, who are the most direct beneficiaries of the protective system. Between the United States and the Philippines we believe in a free interchange of products with such limitations as to sugar and tobacco as will afford adequate protection to domestic interests.

"We approve the emergency measures adopted by the government during the recent financial disturbance, and especially commend the passage by congress at the last session of the law designed to protect the country from a repetition of such stringency. The republican party is committed to the development of a permanent currency system, responding to our greater needs, and the appointment of the national monetary commission by the present congress which will impartially investigate all proposed methods insures the early realization of this purpose.

"We favor the establishment of a postal savings bank system for the convenience of the people and the encouragement of thrift.

"The republican party passed the Sherman anti-trust law over democratic opposition, and enforced it after democratic dereliction. It has been a wholesome instrument for good in the hands of a wise and fearless administration. But experience has shown that its effectiveness can be strengthened and its real objects better attained by such amendments as will give to the federal government greater supervision and control over, and secure greater publicity in, the management of that class of corporations engaged in interstate commerce having power and opportunity to effect monopolies.

"We approve the enactment of the railroad rate law and the vigorous enforcement by the present administration of the statutes against rebates and discriminations, as a result of which the advantages formerly possessed by the large shipper over the small shipper have substantially disappeared, and in this connection we commend the appropriation by the present congress to enable the interstate-commerce commission to thoroughly investigate and give publicity to the accounts of interstate railroads. We believe, however, that the interstate-commerce law should be further amended so as to give railroads the right to make and publish traffic agreements subject to the approval of the commission, but maintaining always the principle of competition between naturally competing lines and avoiding the common control of such lines by any means whatsoever. We favor such national legislation and supervision as will prevent the future overissue of stocks and bonds by interstate carriers.

"The republican party will uphold at all times the authority and integrity of the courts, state and federal, and will ever insist that their powers to enforce their process and to protect life, liberty and property shall be preserved inviolate. We believe, however, that the rules of procedure in the federal courts with respect to the issuance of the writ of injunction should be more accurately defined by statute and that no injunction or temporary restraining order should be issued without notice, except where irreparable injury would result from delay, in which case a speedy hearing thereafter should be granted.

"We indorse the movement inaugurated by the administration for the conservation of natural resources; we approve all measures to prevent the waste of timber; we commend the work now going on for the reclamation of arid lands, and reaffirm the republican policy of the free distribution of the available areas of the public domain to the landless settler. No obligation of the future is more insistent and none will result in greater blessings to posterity. In line with this splendid undertaking is the further duty, equally imperative, to enter upon a systematic improvement upon a large and comprehensive plan, just to all portions of the country, of the waterways, harbors and great lakes, whose natural adaptability to the increasing traffic of the land is one of the greatest gifts of a benign Providence.

"We adhere to the republican doctrine of encouragement to American shipping and urge such legislation as will revive the merchant marine prestige of the country, so essential to national defense, the enlargement of foreign trade and the industrial prosperity of our own people.

"We reaffirm our former declarations that the civil-service laws enacted, extended and enforced by the republican party shall continue to be maintained and obeyed.

"We commend the efforts designed to secure greater efficiency in national public health agencies and favor such legislation as will effect this purpose.

"In the interest of the great mineral industries of our country we earnestly favor the establishment of a bureau of mines and mining.

"We favor the immediate admission of the territories of New Mexico and Arizona as separate states in the union."

INDEPENDENCE.

Adopted at Chicago, July 28.

"As of first importance, in order to restore the power of government to the people, to make their will supreme in the primaries, in the elections and in the control of public officials after they have been elected, we declare for direct nominations, the initiative and referendum and the right of recall.

"Representative government is made a mockery by the system of modern party conventions dominated by bosses and controlled by cliques. We demand the natural remedy of direct nominations by which the people not only elect but, which is far more important, select their representatives.

"We believe in the principles of the initiative and referendum and we particularly demand that no franchise grant go into operation until the terms and conditions have been approved by popular vote in the locality interested.

"We demand for the people the right to recall public officials from the public service. The power to make officials resides in the people and in them also should reside the power to unmake and remove from office any official who demonstrates his unfitness or betrays the public trust.

"Of next importance in destroying the power of selfish special interests and the corrupt political bosses whom they control is to wrest from their hands their main weapon, the corruption fund. We demand severe and effective legislation against all forms of corrupt practices at elections and advocate prohibiting the use of any money at elections except for meetings, literature and the necessary traveling expenses of candidates.

"From the foundation of our government down to 1872 the federal judiciary act prohibited the issue of any injunction without reasonable notice until after a hearing. We assert that in all actions growing out of a dispute between employers and employes concerning terms or conditions of employment no injunction should issue until after a trial upon the merits, that such trial should be had before a jury and that in no case of alleged contempt should any person be deprived of liberty without a trial by jury.

"The independence party declares that the right to issue money is inherent in the government and it favors the establishment of a central governmental bank through which the money so issued shall be put into general circulation.

"We demand a revision of the tariff, not by the friends of the tariff, but by the friends of the people, and declare for a gradual reduction of tariff duties with just consideration for the rights of the consuming public and of established industry. There should be no protection for oppressive trusts which sell cheaply abroad and take advantage of the tariff at home to crush competition, raise prices, control production and limit work and wages.

"The parcels post system should be rapidly and widely extended, and government postal savings banks should be established where the people's deposits will be secure, the money to be loaned to the people in the locality of the several banks and at a rate of interest to be fixed by the government."

The platform also favored the passage of an exclusion act to protect American workingmen from competition with Asiatic cheap labor; the building of a navy strong enough to protect at the same time both the Atlantic and Pacific coasts of the United States; the building of a ship canal from the lakes to the gulf; the protection of American citizens abroad; the popular election of United States senators and of judges, both state and federal, and a graduated income tax.

DECISION IN THE DANBURY HATTERS' CASE.

In the United States Circuit court in Hartford, Conn., Feb. 4, 1910, a jury awarded D. E. Loewe & Co., hat manufacturers in Danbury, Conn., $74,000 damages in their suit against Martin Lawler and 240 other members of the local unions of the United Hatters of North America for conducting a boycott against the hats made by the firm. Judge J. P. Platt, who presided, instructed the jury to find for the plaintiff and fix the amount of the damages. This was placed at the amount named, but as the Sherman antitrust act, under which the action was brought, allows triple damages, the judge multiplied the $74,000 by three, making the total $222,000.

The suit was originally brought in the Circuit court in 1903, when Loewe & Co. filed a bill alleging that the labor organization had undertaken to unionize the company's hat factory in Danbury, and, failing to do so, had gone on a strike. This act was followed by the declaration of a boycott against the firm's hats wherever they were found, and as it controlled an extensive trade throughout many states the boycott, in the language of the bill, constituted a combination to limit and restrain interstate commerce. On a demurrer by the hatters' union, the Circuit court decided that the Sherman law was inapplicable and dismissed the case. The Court of Appeals, however, certified the suit to the United States Supreme court, and that tribunal, Feb. 3, 1908, reversed the decision of the Circuit court, deciding without a dissenting voice that boycotting, where it affected interstate commerce, was in violation of the Sherman antitrust act. (See The Daily News Almanac and Year-Book for 1909, page 256.)

The case then went back to the Circuit court, and after a trial lasting eleven weeks resulted as stated above. The suit was for $240,000 damages and was instituted by the Antiboycott society through Mr. Loewe. The hatters' union was supported by the American Federation of Labor.

THE HOMESTEAD LAW.

Any person who is the head of a family, or who is 21 years old and is a citizen of the United States or has filed his declaration of intention to become such, and who is not the proprietor of more than 160 acres of land in any state or territory, is entitled to enter one-quarter section (160 acres) or less quantity of unappropriated public land under the homestead laws. The applicant must make affidavit that he is entitled to the privileges of the homestead act and that the entry is made for his exclusive use and for actual settlement and cultivation, and must pay the legal fee and that part of the commission required, as follows: Fee for 160 acres, $10; commission, $4 to $12. Fee for eighty acres, $5; commission, $2 to $6. Within six months from the date of entry the settler must take up his residence upon the land and cultivate the same for five years continuously. At the expiration of this period, or within two years thereafter, proof of residence and cultivation must be established by four witnesses. The proof of settlement, with the certificate of the register of the land office, is forwarded to the general land office at Washington, from which a patent is issued. Final proof cannot be made until the expiration of five years from date of entry, and must be made within seven years. The government recognizes no sale of a homestead claim. After the expiration of fourteen months from date of entry the law allows the homesteader to secure title to the tract, if so desired, by paying for it in cash and making proof of settlement, residence and cultivation for that period.

The law allows only one homestead privilege to any one person.

THE HYDE-SWOPE MURDER CASE.

Col. Thomas H. Swope, a millionaire philanthropist of Independence, Mo., died under suspicious circumstances Oct. 3, 1909. He was attended by Dr. B. Clarke Hyde, husband of his niece. John G. Paxton, executor of Col. Swope's estate, and Mrs. Logan Swope, mother of Chrisman Swope, who died in December, 1909, instituted an investigation, which resulted in the arrest of Dr. Hyde on the charge of causing the death of Col. Swope. Chemical analysis of a portion of the colonel's stomach disclosed strychnine. It also appeared that Dr. Hyde had purchased from another physician an active typhoid culture. This was connected with an epidemic of typhoid fever which occurred in the Swope family in December, 1909. The trial of Dr. Hyde began April 11, 1910, in Kansas City, Mo., and ended May 16 in a verdict of guilty. He was sentenced to life imprisonment in the state penitentiary.

PRESIDENTS AND THEIR CABINETS.

Presidents and Vice-Presidents.	Secretaries of state.	Secretaries of the treasury.	Secretaries of war.
*George Washington....1789	T. Jefferson....1789	Alex. Hamilton..1789	Henry Knox....1789
*John Adams....1789	E. Randolph....1794	Oliver Wolcott..1795	T. Pickering...1795
	T. Pickering....1795		Jas. McHenry..1796
John Adams....1797	T. Pickering....1797	Oliver Wolcott...1797	Jas. McHenry..1797
Thomas Jefferson....1797	John Marshall...1800	Samuel Dexter..1801	John Marshall.1800
			Sam'l Dexter..1800
			R. Griswold....1801
*Thomas Jefferson....1801	James Madison..1801	Samuel Dexter..1801	H. Dearborn...1801
Aaron Burr....1801		Albert Gallatin..1801	
*George Clinton....1805			
*James Madison....1809	Robert Smith....1809	Albert Gallatin..1809	Wm. Eustis....1809
†George Clinton....1809	James Monroe...1811	G. W. Campbell..1814	J. Armstrong..1813
Elbridge Gerry....1813		A. J. Dallas....1814	James Monroe.1814
		W. H. Crawford.1816	W.H.Crawford 1815
*James Monroe....1817	J. Q. Adams....1817	W. H. Crawford.1817	Isaac Shelby...1817
*Daniel D. Tompkins....1817			Geo. Graham..1817
			J. C. Calhoun..1817
John Q. Adams....1825	Henry Clay....1825	Richard Rush....1825	Jas. Barbour...1825
*John C. Calhoun....1825			Peter B.Porter.1828
*Andrew Jackson....1829	M. Van Buren....1829	Sam. D. Ingham.1829	John H. Eaton.1829
‡John C. Calhoun....1829	E. Livingston....1831	Louis McLane....1831	Lewis Cass....1831
Martin Van Buren....1833	Louis McLane....1833	W. J. Duane....1833	B. F. Butler....1837
	John Forsyth....1834	Roger B. Taney..1833	
		Levi Woodbury..1834	
Martin Van Buren....1837	John Forsyth...1837	Levi Woodbury..1837	Joel R.Poinsett1837
Richard M. Johnson....1837			
†William H. Harrison....1841	Daniel Webster..1841	Thos. Ewing....1841	John Bell....1841
John Tyler....1841			
John Tyler....1841	Daniel Webster..1841	Thos. Ewing....1841	John Bell....1841
	Hugh S. Legare..1843	Walter Forward.1841	John McLean..1841
	Abel P. Upshur..1843	John C. Spencer..1843	J. C. Spencer...1841
	John C. Calhoun.1844	Geo. M. Bibb....1844	Jas. M. Porter..1843
			Wm. Wilkins..1844
James K. Polk....1845	James Buchanan1845	Robt. J. Walker.1845	Wm. L. Marcy.1845
George M. Dallas....1845			
‡Zachary Taylor....1849	John M. Clayton.1849	Wm.M.Meredith 1849	G.W. Crawford.1849
Millard Fillmore....1849			
Millard Fillmore....1850	Daniel Webster..1850	Thomas Corwin..1850	C. M. Conrad...1850
	Edward Everett..1852		
Franklin Pierce....1853	W. L. Marcy....1853	James Guthrie...1853	Jefferson Davis 1853
†William R. King....1853			
James Buchanan....1857	Lewis Cass....1857	Howell Cobb....1857	John B. Floyd..1857
John C. Breckinridge....1857	J. S. Black....1860	Philip F.Thomas.1860	Joseph Holt....1861
		John A. Dix....1861	
*†Abraham Lincoln....1861	W. H. Seward....1861	Salmon P. Chase.1861	S. Cameron....1861
Hannibal Hamlin....1861		W. P. Fessenden.1864	E. M. Stanton..1862
Andrew Johnson....1865		Hugh McCulloch.1865	
Andrew Johnson....1865	W. H. Seward....1865	HughMcCulloch.1865	E. M. Stanton..1865
			U. S. Grant....1867
			L. Thomas....1868
			J. M. Schofield.1868
*Ulysses S. Grant....1869	E. B.Washburne.1869	Geo. S. Boutwell 1869	J. A. Rawlins..1869
Schuyler Colfax....1869	Hamilton Fish...1869	W.A.Richardson.1873	W. T. Sherman.1869
†Henry Wilson....1873		Benj. H. Bristow.1874	W.W. Belknap.1869
		Lot M. Morrill...1876	Alphonso Taft.1876
			J. D. Cameron.1876
Rutherford B. Hayes....1877	W. M. Evarts....1877	John Sherman...1877	G. W. McCrary.1877
William A. Wheeler....1877			Alex. Ramsey..1879
‡James A. Garfield....1881	James G. Blaine,1881	Wm. Windom....1881	R. T. Lincoln. .1881
Chester A. Arthur....1881			
Chester A. Arthur....1881	F. T. Frelinghuy-	Chas. J. Folger...1881	R. T. Lincoln...1881
	sen....1881	W. Q. Gresham..1884	
		Hugh McCulloch.1884	
Grover Cleveland....1885	Thos. F. Bayard.1885	Daniel Manning.1885	W. C. Endicott.1885
†Thos. A. Hendricks....1885		Chas.S.Fairchild.1887	
Benjamin Harrison....1889	James G. Blaine.1889	Wm. Windom....1889	R. Proctor....1889
Levi P. Morton....1889	John W. Foster .1892	Charles Foster...1891	S. B. Elkins....1891
Grover Cleveland....1893	W. Q. Gresham..1893	John G. Carlisle..1893	D. S. Lamont...1893
Adlai E. Stevenson....1893	Richard Olney...1895		
*†William McKinley....1897	John Sherman...1897	Lyman J. Gage ..1897	R. A. Alger....1897
†Garret A. Hobart....1897	Wm. R. Day....1897		Elihu Root....1899
Theodore Roosevelt....1901	John Hay....1898		
Theodore Roosevelt....1901	John Hay†....1901	Lyman J. Gage..1901	Elihu Root....1901
Charles W. Fairbanks....1905	Elihu Root....1905	Leslie M. Shaw..1902	Wm. H. Taft..1904
	Robert Bacon....1909	G. B. Cortelyou..1907	Luke E.Wright1908
William H. Taft....1909	P. C. Knox....1909	F. MacVeagh....1909	J.M.Dickinson.1909
James S. Sherman....1909			

*Elected two consecutive terms. †Died while in office. ‡Resigned.

PRESIDENTS AND THEIR CABINETS.—CONTINUED.

Secretaries of the navy.	Secretaries of the interior.*	Postmasters-general.†	Attorneys-general.	Secretaries of agriculture.‡
		Samuel Osgood....1789	E. Randolph.....1789	
		Timothy Pickering1791	Wm. Bradford...1794	
		Jos. Habersham....1795	Charles Lee.....1795	
Benjamin Stoddert....1798		Jos. Habersham....1797	Charles Lee.....1797	
			Theo. Parsons...1801	
Benjamin Stoddert....1801		Jos. Habersham...1801	Levi Lincoln.....1801	
Robert Smith.....1801		Gideon Granger...1801	Robt. Smith.....1805	
Jacob Crowninshield..1805			John Breckinridge.. 1805	
			C. A. Rodney.....1807	
Paul Hamilton.....1809		Gideon Granger...1809	C. A. Rodney.....1809	
William Jones.....1813		R. J. Meigs, Jr.....1814	Wm. Pinckney...1811	
B. W. Crowninshield..1814			William Rush....1814	
B. W. Crowninshield..1817		R. J. Meigs, Jr.....1817	William Rush....1817	
Smith Thompson.....1818		John McLean.....1823	William Wirt....1817	
S. L. Southard.....1823				
S. L. Southard.....1825		John McLean.....1825	William Wirt....1825	
John Branch.....1829		Wm. T. Barry.....1829	John M. Berrien.1829	
Levi Woodbury..... .1831		Amos Kendall.....1835	Roger B. Taney..1831	
Mahlon Dickerson.....1834			B. F. Butler.....1833	
Mahlon Dickerson....1837		Amos Kendall.....1837	B. F. Butler.....1837	
		John M. Niles.....1840	Felix Grundy....1838	
			H. D. Gilpin.....1840	
George E. Badger.....1841		Francis Granger...1841	J. J. Crittenden.1841	
George E. Badger.....1841		Francis Granger...1841	J. J. Crittenden.1841	
Abel P. Upshur..... .1841		C. A. Wickliffe.....1841	Hugh S. Legare..1841	
David Henshaw.....1843			John Nelson.....1843	
Thomas W. Gilmer....1844				
John Y. Mason.....1844				
George Bancroft.....1845		Cave Johnson 1845	John Y. Mason..1845	
John Y. Mason.....1846			Nathan Clifford..1846	
			Isaac Toucey.....1848	
William B. Preston ...1849	Thomas Ewing.....1849	Jacob Collamer.....1849	Reverdy Johnson1849	
William A. Graham...1850	Thomas A. Pearce..1850	Nathan K. Hall.....1850	J. J. Crittenden..1850	
John P. Kennedy.....1852	T. M. T. McKennon1850	Sam D. Hubbard...1852		
	A. H. H. Stuart....1850			
James C. Dobbin.....1853	Robt. McClelland..1853	James Campbell...1853	Caleb Cushing...1853	
Isaac Toucey 1857	Jacob Thompson..1857	Aaron V. Brown. .1857	J. S. Black.....1857	
		Joseph Holt.....1859	Edw. M. Stanton.1860	
Gideon Welles.....1861	Caleb B. Smith.....1861	Montgomery Blair.1861	Edward Bates...1861	
	John P. Usher.....1863	William Dennison.1864	Titian J. Coffey..1863	
			James Speed.....1864	
Gideon Welles.....1865	John P. Usher.....1865	William Dennison.1865	James Speed.....1865	
	James Harlan.....1865	A. W. Randall.....1866	Henry Stanbery.1866	
	O. H. Browning....1866		Wm. M. Evarts...1868	
Adolph E. Borie.....1869	Jacob D. Cox.....1869	J. A. J. Creswell...1869	E. R. Hoar.....1869	
George M. Robeson ...1869	Columbus Delano..1870	Jas. W. Marshall...1874	A. T. Ackerman..1870	
	Zach Chandler.....1875	Marshall Jewell...1874	Geo. H. Williams.1871	
		James N. Tyner...1876	Edw. Pierrepont.1875	
			Alphonso Taft...1876	
R. W. Thompson.....1877	Carl Schurz.....1877	David M. Key.....1877	Chas. Devens.....1877	
Nathan Goff, Jr.....1881		Horace Maynard..1880		
W. H. Hunt..... 1881	S. J. Kirkwood.....1881	T. L. James.....1881	W. MacVeagh 1881	
W. E. Chandler.....1881	Henry M. Teller....1881	T. O. Howe.....1881	B. H. Brewster...1881	
		W. Q. Gresham.....1883		
		Frank Hatton.....1884		
W. C. Whitney.....1885	L. Q. C. Lamar.....1885	Wm. F. Vilas. 1885	A. H. Garland....1885	N. J. Colman.1889
	Wm. F. Vilas.....1888	D. M. Dickinson.....1888		
Benj. F. Tracy.....1889	John W. Noble.....1889	J. Wanamaker.....1889	W. H. H. Miller..1889	J. M. Rusk ..1889
Hilary A. Herbert....1893	Hoke Smith.....1893	W. S. Bissell.....1893	R. Olney.....1893	J. S. Morton.1893
	D. R. Francis.....1896	W. L. Wilson.....1895	J. Harmon.....1895	
John D. Long.....1897	C. N. Bliss.....1897	James A. Gary.....1897	J. McKenna.....1897	J. Wilson.....1897
	E. A. Hitchcock.....1899	Chas. E. Smith.....1898	J. W. Griggs.....1897	
			P. C. Knox.....1901	
John D. Long.....1901	E. A. Hitchcock.....1901	Chas. E. Smith.....1901	P. C. Knox.....1901	J. Wilson.....1901
Wm. H. Moody.....1902	J. R. Garfield.....1907	Henry C. Payne....1902	W. H. Moody.....1904	
Paul Morton.....1904		Robt. J. Wynne.....1904	C. J. Bonaparte..1907	
C. J. Bonaparte.....1905		G. B. Cortelyou.....1905		
Victor H. Metcalf.. ..1907		G. v. L. Meyer.....1907		
Truman H. Newberry 1908				
G. von L. Meyer.....1909	R. A. Ballinger....1909	F. H. Hitchcock....1909	G. W. Wickersh'm1909	J. Wilson.....1909

Secretaries of Commerce and Labor (department established Feb. 14, 1903)—George B. Cortelyou, 1903; Victor H. Metcalf, 1904-1906; Oscar S. Straus, 1907-1909; Charles Nagel, 1909.

*This department was established by an act of congress March 3, 1849. †Not a cabinet officer until 1829

‡Established Feb. 11, 1889.

PAST POLITICAL COMPLEXION OF THE STATES.

R., republican; W., whig; D., democratic; U., union; A., American; A. M., anti-Masonic; N. R., national republican; P., populist.

STATE.	1828.	1832.	1836.	1840.	1844.	1848.	1852.	1856.	1860.	1864.	1868.	1872.	1876.	1880.	1884.	1888.	1892.	1896.	1900.	1904.	1908.
Alabama	D.	D.	D.	D.	D.	D.	D.	D.	D.	....	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Arkansas	....	.....	D.	D.	D.	D.	D.	D.	D.	....	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.
California	....	.....	....	....	....	....	D.	D.	R.	R.	R.	R.	R.	D.	D.	R.	D.	R.	R.	R.	R.
Colorado	....	.....	....	....	....	....	....	....	....	....	....	....	R.	R.	R.	R.	P.	D.	D.	R.	D.
Connecticut	R.	N. R.	D.	W.	W.	W.	D.	R.	R.	R.	R.	R.	D.	R.	D.	D.	D.	R.	R.	R.	R.
Delaware	R.	N. R.	W.	W.	W.	W.	D.	D.	D.	D.	D.	R.	D.	D.	D	D.	D.	R.	R.	R.	R.
Florida	....	.....	....	....	....	W.	D.	D.	D.	....	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.
Georgia	D.	D.	W.	W.	D.	W.	D.	D.	D.	....	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Idaho	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	P.	D.	D.	R.	R.
Illinois	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	D.	R.	R.	R.	R.
Indiana	D.	D.	W.	W.	D.	D.	D.	D.	R.	R.	R.	R.	D.	R.	D.	R.	D.	R.	R.	R.	R.
Iowa	....	.....	....	....	....	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	P.	R.	R.	R.	R.
Kansas	....	.....	....	....	....	....	....	....	R.	R.	R.	R.	R.	R.	R.	R.	P.	D.	R.	R.	R.
Kentucky	D.	N. R.	W.	W.	W.	W.	W.	D.	U.	D.	D.	D.	D.	D.	D.	D.	D.	R	D	D	D.
Louisiana	D.	D.	D.	W.	D.	W.	D.	D.	D.	....	D.	R.	R.	D.	D.	D.	D.	D.	D	D.	D.
Maine	R.	D.	D.	W.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Maryland	R.	N. R.	W.	W.	W.	W.	D.	A.	D.	R.	D.	D.	D.	D.	D.	D.	D.	R.	R.	D.	D.
Massachusetts	R.	N. R.	W.	W.	W.	W.	W.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Michigan	....	.....	D.	W.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Minnesota	....	.....	....	....	....	....	....	....	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Mississippi	D.	D.	D.	W.	D.	D.	D.	D.	D.	....	....	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Missouri	D.	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	R.	R.
Montana	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	R.	D.	D.	R.	R.
Nebraska	....	.....	....	....	....	....	....	....	....	....	R.	R.	R.	R.	R.	R.	R.	D.	R.	R.	D.
Nevada	....	.....	....	....	....	....	....	....	....	R.	R.	R.	D.	R.	R.	R.	P.	D.	D.	R.	D.
New Hampshire	R.	D.	D.	D.	D.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
New Jersey	R.	D.	W.	W.	W.	W.	D.	D.	D.	D.	D.	R.	D.	D.	D.	D.	D.	R.	R.	R.	R.
New York	D	D.	D.	W.	D.	W.	D.	R.	R.	R.	D.	R.	D.	R.	D.	R.	D.	R.	R.	R.	R.
North Carolina	D.	D.	D.	W.	W.	W.	D.	D.	D.	....	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.
North Dakota	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	P.	R.	R.	R.	R.
Ohio	D.	D.	W.	W.	W.	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Oklahoma	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	D.
Oregon	....	.....	....	....	....	....	....	....	R.	R.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Pennsylvania	D.	D.	D.	W.	D.	W	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.
Rhode Island	R.	N. R.	D.	W.	W.	W.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R.	R	R.	R.
South Carolina	D.	W.	W.	D.	D.	D.	D.	D.	D.	....	R.	R.	R.	D.	D.	D.	D.	D.	D.	D.	D.
South Dakota	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	R.	D.	R.	R.	R.
Tennessee	D.	D.	W.	W.	W.	W.	W.	D.	U.	....	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Texas	....	.....	....	....	....	D	D.	D.	D.	....	....	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Utah	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	D.	R.	R.	R.	R.
Vermont	R.	A. M.	W.	W.	W.	W	W.	R.	R.	R.	R.	R.	R	R.	R.	R.	R.	R.	R.	R.	R.
Virginia	D.	D.	D.	D.	D.	D	D.	D.	U.	....	....	R.	D.	D.	D.	D.	D.	D.	D.	D.	D.
Washington	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	R.	D.	R.	R.	R.
West Virginia	....	.....	....	....	....	....	....	....	....	R.	R.	R.	R.	D.	D.	D.	D.	R.	R.	R.	R.
Wisconsin	....	.....	....	....	....	D.	D.	R.	R.	R.	R.	R.	R.	R.	R.	R.	D.	R.	R.	R.	R.
Wyoming	....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	R.	D.	R.	R.	R.

In five states in 1892 the electoral vote was divided: California gave 8 electoral votes for Cleveland and 1 for Harrison and Ohio gave 1 for Cleveland and 22 for Harrison; in Michigan, by act of the legislature, each congressional district voted separately for an elector; in Oregon 1 of the 4 candidates for electors on the people's party ticket was also on the democratic ticket; in North Dakota 1 of the 2 people's party electors cast his vote for Cleveland, this causing the electoral vote of the state to be equally divided among Cleveland, Harrison and Weaver. In 1896 California gave 8 electoral votes to McKinley and 1 to Bryan; Kentucky gave 12 to McKinley and 1 to Bryan. In Maryland in 1904 7 of the presidential electors chosen were democrats and 1 republican. In 1908 Maryland elected 6 democratic and 2 republican electors.

PARTY LINES IN CONGRESS SINCE 1881.

CONGRESS.	Years.	SENATE.			HOUSE.		
		Rep.	Dem.	Ind.	Rep.	Dem.	Ind.
47th	1881-1883	37	38	1	146	138	10
48th	1883-1885	40	36	....	124	198	1
49th	1885-1887	42	34	....	120	204	1
50th	1887-1889	39	37	....	153	168	4
51st	1889-1891	39	37	....	166	159	....
52d	1891-1893	47	39	2	88	236	8
53d	1893-1895	38	44	3	126	220	8
54th	1895-1897	42	39	5	246	104	7
55th	1897-1899	46	34	10	206	134	36
56th	1899-1901	53	26	11	185	163	9
57th	1901-1903	56	29	3	198	153	5
58th	1903-1905	58	32	....	206	174	2
59th	1905-1907	58	32	....	250	136	....
60th	1907-1909	61	29	....	222	164	....
61st	1909-1911	59	33	....	219	172	....
62d	1911-1913	49	43	....	229	163	*1

*Socialist.

ORDER OF PRESIDENTIAL SUCCESSION.

In case of the removal, death, resignation or inability of both the president and vice-president, then the secretary of state shall act as president until the disability of the president or vice-president is removed or a president is elected. The rest of the order of succession is: Secretary of the treasury, secretary of war, attorney-general, postmaster-general, secretary of the navy, secretary of the interior, secretary of agriculture and secretary of commerce and labor. The acting president, in case congress is not in session, must call a special session, giving twenty days' notice.

NONCONTIGUOUS POSSESSIONS OF THE UNITED STATES.

THE PHILIPPINE ISLANDS.

The Philippine islands were ceded to the United States by Spain Dec. 10, 1898. Maj.-Gen. Merritt was the first military governor. He was succeeded in August, 1899, by Maj.-Gen. E. S. Otis, who in turn was followed in May, 1900, by Maj.-Gen. Arthur MacArthur. The last named remained in office until July 4, 1901, when the military authority was transferred to Gen. A. R. Chaffee. By order of the president Gen. Chaffee was relieved of his duties as military governor July 4, 1902, and the office terminated. The Philippine commission was at the same time made the superior authority. Sept. 2 the islands were divided into three military departments, to be known as the department of Luzon, the department of Visayas and the department of Mindanao.

July 1, 1902, congress passed an act providing temporarily for the government of the Philippines, providing for the election by popular vote, two years after a census of the islands had been taken and published, of delegates to an assembly, consisting of not more than 100 members nor less than fifty, apportioned among the provinces as nearly as possible according to population. This assembly should, together with the Philippine commission appointed by the president of the United States, exercise the legislative power heretofore exercised by the commission alone, the members of the commission acting as an upper house and the elected assemblymen as a lower house. The members of the assembly were to hold office two years and annual sessions of the legislature not exceeding ninety days in length were to be held.

The first election was held July 30, 1907, when eighty members of the legislature were chosen, the total vote being 97,803. The first session was formally opened Oct. 16 by William H. Taft, United States secretary of war, the first civil governor of the islands after they came into American possession. Sergio Osmena was elected president.

OFFICIALS AND SALARIES—The Philippine commission consisted in October, 1910, of Prof. Dean C. Worcester of Michigan, W. Cameron Forbes of Massachusetts, Newton W. Gilbert of Indiana, Frank A. Branagan of Ohio, Charles B. Elliott of Minnesota, Rafael Palma, Gregorio Araneta, Jose R. Luzuriaga and Juan Sumulong of the Philippines. The officers in 1910 were.

Governor-General—W. Cameron Forbes.
Vice-Governor—Newton W. Gilbert.
Secretary Interior Department—Dean C. Worcester.
Secretary Finance and Justice—Gregorio Araneta.
Secretary Public Instruction—Newton W. Gilbert.
Secretary of Commerce and Police—Charles B. Elliott.
Executive Secretary—Frank W. Carpenter.
Auditor—William H. Clarke.
Treasurer—J. L. Barrett.
Director of Education—Frank R. White.
Director-General of Posts—C. M. Cotterman.
Attorney-General—Ignacio Villamor.
Collector of Customs—H. B. McCoy.
Chief Justice Supreme Court—Cayetano S. Arellano.

The governor receives $20,000 a year ($15,000 as governor-general) and the other American commissioners receive $15,500 each ($10,500 being for their services as heads of departments). The commissioners not heads of departments get $7,500 each. The salaries of other leading officials are: Executive secretary, $9,000; assistant executive secretary, $6,000; auditor, $6,000; collector of customs, $6,000; attorney-general, $6,000; chief justice Supreme court, $10,000; associate justices, $10,000; superintendent of public education, $6,000; director-general of posts, $6,000; treasurer, $7,000.

AREA AND POPULATION—The total land and water area of the Philippine archipelago is 832,968 square miles and the population 7,635,426, according to the census of 1903. Of the inhabitants 6,987,686 are civilized. The population of Manila in 1903 was 219,928. The population of the principal islands was: Bobol, 243,148; Cebu, 592,247; Jolo, 44,718; Leyte, 357,641; Luzon, 3,798,507; Marinduque, 50,601; Mindanao, 499,634, of whom 252,940 are uncivilized; Negros, 460,776 (21,217 uncivilized); Panay, 743,646 (14,933 uncivilized); Samar, 222,690.

PRODUCTS AND CLIMATE—The chief products are hemp, sugar, coffee, tobacco leaf, copra, cigars and indigo. Between 600,000 and 700,000 bales of hemp are exported annually.

The climate of the Philippine islands is considered excellent for the tropics. The mean temperature in Manila ranges from 77 in January to 83 in May. June, July, August and September are the rainy months, March, April and May the hot and dry, and October, November, December, January and February the temperate and dry.

TRADE WITH THE UNITED STATES—The shipments of merchandise from the United States to the Philippines in the fiscal year ended June 30, 1910, amounted in value to $16,768,909, as compared with $11,182,175 in 1909. The principal articles sent were: Breadstuffs, $1,395,824; cotton manufactures, $2,936,598; iron and steel manufactures, $3,405,267; wood and manufactures of wood, $482,960. The imports amounted in value to $17,317,897, as compared with $9,433,986 in 1909. The principal articles imported were: Unmanufactured manila, $10,435,743; sugar, $4,259,568.

IMPORTS AND EXPORTS—The total imports of the Philippine islands in the fiscal year 1909 amounted to $27,792,397; total exports, $30,993,563.

ISLAND OF PORTO RICO.

Porto Rico, according to the decision of the United States Supreme court in the insular cases May 27, 1901, is a territory appurtenant and belonging to the United States, but not a part of the United States within the revenue clause of the constitution. The island was ceded to the United States by Spain Dec. 10, 1898, and was under military rule until the Foraker law went into effect May 1, 1900. (For the provisions of that law see The Daily News Almanac for 1901.) In accordance with the third section of that act, the legislative assembly of Porto Rico having put into operation a system of local taxation to meet the necessities of government, President McKinley on the 25th of July, 1901—the anniversary of the landing of American troops on the island in 1898—proclaimed free trade between the United States and Porto Rico.

GOVERNMENT—Civil government, under the provisions of the Foraker act, was established May 1, 1900. The upper house consists of eleven members, six of whom are "cabinet" officers appointed by the president; the lower house is made up of thirty-five delegates elected by the people every two years. The governor, who is appointed by the president, has practically the same duties as the governor of any other territory of the United States. The present officers are: Governor, Col. George R. Colton; acting secretary, M. Drew Carrel; treasurer, Samuel D. Gromer; commissioner of education, Edward Grant Dexter; resident commissioner in the United States, Tulio Larrinaga.

AREA AND POPULATION—The area of Porto Rico is about 3,600 square miles and the population, as shown by the census of 1910, is 1,118,012. In 1900 the population was 953,243. Of these 941,751 are natives. The whites number 589,426 and the colored 363,817. The colored are subdivided into 304,352 mestizos, 59,390 negroes and 75 Chinese. By departments the population in 1900 was: Aguadilla, 99,645; Arecibo, 162,308; Bayamon, 147,681; Guayma, 111,986; Humacao, 100,866; Mayaguez, 127,566; Ponce, 203,191. The cities having more than 5,000 inhabitants are: San Juan, 32,048; Ponce, 27,952; Mayaguez, 15,187; Arecibo, 8,008; Aguadilla, 6,425; Yauco, 6,108; Caguas, 5,450; Guayama, 5,334.

COMMERCE—For the year ended June 30, 1910, the total domestic exports from Porto Rico to foreign countries were $5,822,602, and to the United States, $26,391,338. Foreign imports amounted to $3,537,201 and imports from the United States amounted to $23,272,170. Of the exports Spain took $1,058,197; Cuba, $2,468,689; France, $583,682; Germany, $259,508; Austria-Hungary, $833,604.

The leading articles of export are coffee, oranges, brown sugar and tobacco.

TERRITORY OF HAWAII.

Annexed to the United States July 7, 1898.
Created a territory June 14, 1900.

Governor—Walter F. Frear.
Secretary—Henry E. Cooper.

POPULATION—According to the federal census of 1900 the total population of the territory is 154,001. In 1890 it was 89,990. The only large city is Honolulu, which in 1900 had a population of 39,306. By island divisions the population is as follows: Hawaii, 46,843; Kauai and Niihau, 20,734; Lanai and Maui, 25,416; Oahu, 58,504; Molokai, 2,504.

COMMERCE WITH THE UNITED STATES—The total value of the shipments of merchandise from Hawaii to the United States for the twelve months ended June 30, 1910, was $46,161,288. Brown sugar was the principal item, amounting to 1,073,352,166 pounds, valued at $40,579,141. The other articles of importance were: Coffee, $288,423; fruits, $1,775,050; raw wood, $203,649; rice, $269,157. The total value of the shipments of merchandise from the United States to Hawaii was $20,289,017. The principal articles were: Iron, steel and machinery, $3,229,969; leather and manufactures of, $379,058; oils, $1,593,051; provisions, $848,618; tobacco, $659,661; lumber and manufactures of wood, $1,418,628; wool, manufactures of, $265,279; wines and liquors, $565,038.

TERRITORY OF ALASKA.

Purchased from Russia in March, 1867.
Organized as noncontiguous territory July 27, 1868.
Made a civil and judicial district June 6, 1900.
Governor—Walter E. Clark.

AREA AND POPULATION—Area, 577,390 square miles; population in 1900, 63,592; estimated population in 1906, 82,516.

COMMERCE WITH THE UNITED STATES—The total value of the shipments of domestic merchandise from the mainland of the United States to Alaska in the year ended June 30, 1910, was $17,972,647. The principal articles were: Animals, $203,884; breadstuffs, $818,701; manufactures of cotton, $647,596, eggs, $468,560; fruits and nuts, $469,777; manufactures of iron and steel, $4,224,998; leather manufactures, $329,412; meat and dairy products, $2,449,943; wines and liquors, $654,821; vegetables, $586,997; wood and manufactures of, $775,982. Total value of shipments of domestic merchandise from Alaska to the mainland, $12,349,462. The main articles were: Copper ore, $165,566; canned salmon, $9,435,946; whalebone, $136,520.

GOLD SHIPMENTS (1909)—From Alaska to the mainland, $18,275,434; from the mainland to Alaska, $637,615 in coin. The total gold and silver shipments, including foreign, to the United States were $22,279,073.

PANAMA CANAL ZONE.

Acquired by the United States Feb. 26, 1904.
Area, 474 square miles.

TUTUILA.

Acquired by the United States January, 1900.
Area, including Manua and several other small islands, 79 square miles.
Population, about 4,000.
Pango-Pango harbor acquired by United States in 1872.
Naval Governor—Capt. John F. Parker.

GUAM.

Ceded to United States by Spain Dec. 10, 1898.
Area, about 200 square miles.
Population, about 9,000.
First American Governor—Capt. R. P. Leary, U.S.N.
Governor (1910)—Capt. Edward J. Dorn, U. S. N.

AVALANCHES IN THE CASCADE AND SELKIRK MOUNTAINS.

Warm weather in the latter part of February and the early part of March, 1910, following a winter remarkable for its heavy snow, caused a number of disastrous avalanches in the Cascade mountains in Idaho and Washington. Feb. 27 the mining towns of Mace and Burke and the camp of the Carbonate Hill Mining company at Mullan, all in the northern part of Idaho, were overwhelmed by avalanches of snow and rock. Twelve persons were killed at Mace, four at Burke and three at Mullan. Two were killed at Dorsey, Idaho, Feb. 28. As many persons were reported missing, the number of actual fatalities was probably much larger than that given.

Early on the morning of March 1 two Great Northern trains were buried by an avalanche on the west slope of the Cascades, near the small station of Wellington. One was a passenger and the other a mail train, and most of the victims were asleep in the coaches at the time the disaster occurred. They were hurled into a canyon 200 feet deep and covered with hundreds of tons of snow and rock. Only a few escaped, and these were severely injured. The dead, many of whom remained under the snow and wreckage for days, numbered 118. The property loss was $1,000,000.

March 2 the Oriental limited train No. 2, east bound, on the Great Northern road, ran into a landslide near Milan, a station twenty-two miles east of Spokane. The fireman was killed and a dozen persons were badly injured.

March 5, while a large number of workmen were clearing the line of the Canadian Pacific railroad of the debris of a snowslide in Rogers pass, near Glacier, at the summit of the Selkirk mountains, British Columbia, they were overwhelmed by a second slide. Ninety-two lives were lost, the victims being carried down into the valley and buried under tons of snow.

BRITISH GENERAL ELECTIONS OF 1910.

Following the formal dissolution of the second parliament of King Edward VII., Jan. 10, 1910, election writs were issued to every constituency. Voting began almost immediately and continued through the greater part of the month, but the bulk of the polling took place Jan. 15, 17, 18 and 19. The campaign was an extremely hard-fought one, both of the leading parties exerting their utmost power to win. It had been expected that the chief issues would be the budget of 1909, with its radical methods of taxation, and the veto power of the house of lords in the matter of financial legislation, but tariff reform was widely discussed and at times seemed to be the dominant question of the hour. Home rule for Ireland, votes for women, naval and military progress, old-age pensions, work for the unemployed, socialism and many other matters also attracted more or less attention. With such a multiplicity of issues before it the British electorate divided almost evenly and failed to pass decisively upon any one of them. The liberals elected 275 members and the unionists 273. This left the liberal government in the power of the Irish nationalists, who secured eighty-two members, and the labor party, with forty members, and it was freely predicted that the ministry would soon fall, necessitating another general election.

HOOKWORM-DISEASE COMMISSION.

Oct. 26, 1909, John D. Rockefeller gave $1,000,000 as a fund to be used in combating the ravages of the "hookworm" parasite in the southern states. The following gentlemen were designated to take charge of the work: John D. Rockefeller, Jr.; Dr. William H. Welch, Dr. Simon Flexner, Dr. Charles W. Stile, Dr. Edwin A. Alderman, Dr. David F. Houston, Prof. P. P. Claxton, J. Y. Joyner, Walter H. Page, Dr. H. B. Frissell, Frederick T. Gates, Starr J. Murphy.

According to the medical authorities the "hookworm" is a hairlike parasite causing a form of anæmia prevalent especially among the poor people of the south. Although less than half an inch in length it operates on its victims' intestines in such a way as to sap their vitality. It has a complete and well-developed set of organs and the female has the capacity of laying thousands of eggs. The parasite was discovered by Dr. Charles W. Stile in 1902 in a Washington hospital.

RATES OF POSTAGE AND MONEY ORDERS.

The domestic letter rate is 2 cents an ounce or fraction thereof, and it applies to the island possessions of the United States, Cuba, Canada, Newfoundland, Labrador, united kingdom, Germany (direct), Mexico, Shanghai, the Canal Zone and republic of Panama. The foreign letter rate is 5 cents an ounce or fraction thereof, and it applies to all other foreign countries than those named in the universal postal union.

DOMESTIC.

FIRST CLASS.—Letters and all written or partly written matter, whether sealed or unsealed, and all other matter sealed or otherwise closed against inspection, 2 cents per ounce or fraction thereof. Postal cards issued by the government sold at 1 cent each; double, or reply cards, 2 cents each. Cards must not be changed or mutilated in any way and no printing or writing other than the address is allowable on the address side. "Private mailing cards" (post cards) require 1 cent postage.

Among the articles requiring first-class postage are blank forms filled out in writing; certificates, checks and receipts filled out in writing; copy (manuscript or typewritten) unaccompanied by proof sheets; plans and drawings containing written words, letters or figures; price lists containing written figures changing individual items; old letters sent singly or in bulk; typewritten matter and manifold copies thereof, and stenographic notes.

SECOND CLASS.—All regular newspapers, magazines and other periodicals issued at stated intervals not less frequently than four times a year, when mailed by publishers or news agents, 1 cent a pound or fraction thereof; when mailed by others, 1 cent for each four ounces or fractional part thereof.

THIRD CLASS.—Books, circulars, pamphlets and other matter wholly in print (not included in second-class matter), 1 cent for each two ounces or fractional part thereof. The following named articles are among those subject to third-class rate of postage: Almanacs, architectural designs, blue prints, bulbs, seeds, roots, scions and plants, calendars, cards, press clippings with name and date of papers stamped or written in, engravings, samples of grain in its natural condition, imitation of hand or type written matter when mailed at postoffice window in a minimum number of twenty identical copies separately addressed; insurance applications and other blank forms mainly in print; printed labels, lithographs, maps, music books, photographs, tags, proof sheets, periodicals having the character of books, and publications which depend for their circulation upon offers of premiums.

FOURTH CLASS.—All matter not in the first, second or third class, which is not in its form or nature liable to destroy, deface or otherwise damage the contents of the mailbag or harm the person of any one engaged in the postal service, 1 cent an ounce or fraction thereof. Included in fourth-class mail matter are the following articles: Blank books, blank cards or paper, blotters, playing cards, celluloid, coin, crayon pictures, cut flowers, metal or wood cuts, drawings, dried fruit, dried plants, electrotype plates, framed engravings, envelopes, geological specimens, letterheads, cloth maps, samples of merchandise, metals, minerals, napkins, oil paintings, paper bags or wrapping paper, photograph albums, printed matter on other material than paper, queen bees properly packed, stationery, tintypes, wall paper and wooden rulers bearing printed advertisements.

UNMAILABLE MATTER.—Includes that which is prohibited by law, regulation or treaty stipulation and that which by reason of illegible or insufficient address cannot be forwarded to destination. Among the articles prohibited are poisons, explosives or inflammable articles, articles exhaling bad odors, vinous, spirituous and malt liquors, specimens of disease germs, lottery letters and circulars, indecent and scurrilous matter.

SPECIAL DELIVERY.—Any article of mailable matter bearing a 10-cent special delivery stamp in addition to the regular postage is entitled to immediate delivery on its arrival at the office of address between the hours of 7 a. m. and 11 p. m., if the office be of the free-delivery class, and between the hours of 7 a. m. and 7 p. m., if the office be other than a free-delivery office.

REGISTRATION.—All mailable matter may be registered at the rate of 10 cents for each package in addition to the regular postage, which must be prepaid. An indemnity not to exceed $50 will be paid for the loss of first-class registered matter, and 50 francs ($10) in case of the loss of a registered article addressed to a country in the universal postal union, under certain conditions.

LIMITS OF WEIGHT.—No package of third or fourth class matter weighing more than four pounds, except single books, will be received for conveyance by mail. The limit of weight does not apply to second-class matter mailed at the second-class rate of postage, or at the rate of 1 cent for each four ounces, nor is it enforced against matter fully prepaid with postage stamps affixed at the first-class or letter rate of postage.

POST CARDS.—A post card must be an unfolded piece of cardboard not exceeding 3 9-16 by 5 9-16 inches, nor less than 2¾ by 4 inches in size; it must be in form and quality and weight of paper substantially like the government postal cards; it may be of any color not interfering with the legibility of the address; the face of the card may be divided by a vertical line, the right half to be used for the address only and the left for the message, etc.; very thin sheets of paper may be attached to the card, and such sheets may bear both writing and printing; advertisements may appear on the back of the card and on the left half of the face. Cards bearing particles of glass, metal, mica, sand, tinsel or similar substances are unmailable except in envelopes.

MONEY-ORDER FEES.—For domestic money orders in denominations of $100 or less the following fees are charged:

For orders for sums not exceeding $2.50	3c
For over $2.50 and not exceeding $5	5c
For over $5 and not exceeding $10	8c
For over $10 and not exceeding $20	10c
For over $20 and not exceeding $30	12c
For over $30 and not exceeding $40	15c
For over $40 and not exceeding $50	18c
For over $50 and not exceeding $60	20c
For over $60 and not exceeding $75	25c
For over $75 and not exceeding $100	30c

SUGGESTIONS.—Direct your mail matter to a postoffice, writing the name of the state plainly, and if to a city, add the street and number or postoffice box of the person addressed. Write or print your name and address, and the contents, if a package, upon the upper left-hand corner of all mail matter. This will insure the immediate return of all first-class matter to you for correction, if improperly addressed or insufficiently paid; and if it is not called for at destination it can be returned to you without going to the dead-letter office. If a letter, it will be returned free. Undelivered second, third and fourth class matter will not be forwarded or returned without a new prepayment of postage. When a return card appears on this matter either the sender or addressee is requested to send the postage. Register all valuable letters and packages.

FOREIGN.

Mail matter may be sent to any foreign country subject to the following rates and conditions:

REGISTRATION.—Ten cents additional to ordinary postage on all articles to foreign countries.

ON LETTERS.—Five cents for each ounce or fraction thereof and 3 cents for each additional ounce. Double rates are collected on delivery of unpaid or short-paid letters.

POST CARDS.—Single, 2 cents each; with paid reply, 4 cents each.

"PRIVATE MAILING CARDS" (Post Cards).—Two cents each, subject to conditions governing domestic post cards.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings and similar printed matter, 1 cent for each two ounces or fraction thereof. Prepayment required at least in part.

TO CANADA (including Newfoundland, Labrador, Nova Scotia, New Brunswick, Manitoba and Prince Edward island).—Letters, 2 cents for each ounce or fraction thereof; postal cards, 1 cent each;

books, circulars and similar printed matter, 1 cent for each two ounces or fraction thereof; second-class matter, same as in the United States; samples of merchandise, 1 cent for each two ounces. Minimum postage, 2 cents. Merchandise, 1 cent for each ounce or fraction. Packages must not exceed four pounds in weight—prepayment compulsory.

CUBA.—Rates of postage same as to the United States.

TO GREAT BRITAIN.—Letter postage same as in United States.

TO GERMANY.—Letter postage 2 cents per ounce when sent by direct steamer and not via Great Britain or France.

TO MEXICO.—Letters, postal cards and printed matter, same rates as in the United States; samples, 1 cent for each two ounces; 2 cents the least postage on a single package; merchandise other than samples can be sent only by parcels post.

TO SHANGHAI, CHINA.—Letters, 2 cents an ounce or fraction thereof.

LIMITS OF SIZE AND WEIGHT.—Packages of samples of merchandise to foreign countries must not exceed twelve ounces, nor measure more than twelve inches in length, eight in breadth and four in depth; and packages of printed matter must not exceed four pounds six ounces.

PARCEL POST EXCHANGES.

Australia.*
Austria.*
Bahamas.
Barbados.*
Belgium.*
Bermuda.
Bolivia.
British Guiana.
Chile.
Colombia.*
Costa Rica.
Danish West Indies (St. Croix, St. John, St. Thomas).
Denmark.*
Dutch Guiana.*
Ecuador.*
France.*
Great Britain.*
Guatemala.
Germany.
Honduras (British).
Honduras (Republic of).
Hongkong*—Amoy, Canton, Changsha, Chefoo, Ching-Kiang, Foochow, Hangchow, Hankow, Hoihao (Hoihow), Kiankiang, Kowloon, Liu Kung Tau, Nanking, Newchwang, Ningpo, Peking, Shanghai, Shanghaikwan, Shasi, Soochow, Swatow, Tientsin, Tongku, Weihaiwei, Wubu.
Hungary.*
—Italy.*
Ireland.*

1. Italian offices in Ottoman empire (Turkey)*—Bengazi (north Africa), Durazzo (Albania), Galata (Constantinople), Jerusalem (Palestine), Canea (Crete), Pera (Constantinople), Salonica (Roumelia), Scutari (Asia Minor), Smyrna (Asia Minor), Stamboul (Constantinople), Tripoli-in-Barbary, Valona (Albania).
2. Italian colony of Erythrea (Africa)*—Ady Caje, Adi Ugri, Agordat, Asmara, Assab, Keren, Nefasit, Massaua, Saganeiti.
3. Italian protectorate of Benadir—Brava, Giumbo, Merka, Mogadiscio.

Japan.*
In Manchuria—Antoken, Bujun, Choshun, Dairen, Daisekkiio, Daitoko, Furanten, Gaibei, Giukaton, Gwaboten, Hishika, Honkeiko, Hoten, Howojio, Kaigen, Kaijio, Kinshu, Koshurei, Riojun, Riujuton, Rioyo, Senkinsai, Shiheigai, Shinminfu, Shoto, Sokako, Sokaton, Taikozan, Tetsurei, Yendai, Yugakujio.
In Karafuto—(Japanese) Sakhalin.
Formosa.* | Korea.*
Jamaica (including the Turks and Caico islands).
Leeward islands (Antigua), with Barbuda and Redonda, St. Kitts, Nevis, with Anquilla, Dominica, Montserrat and the Virgin islands).
Mexico.* | Newfoundland.
Netherlands.* | New Zealand.
The Cook islands, including Aitutaki, Atin, Hervey (Manual), Mangaia, Mauke, Mitiaro and Rarotonga; also the islands of Palmerston (Avarau), Manahik, Penrhyn (Tongreva), Pukapuka (Danger), Rakaanga, Savage (Nide) and Suwarrow.
Nicaragua. | Sweden.
Norway.* | Trinidad.
Peru. | Uruguay.*
Salvador. | Venezuela.
Windward islands (Grenada, St. Vincent, Grenadines and St. Lucia).

Unsealed packages of mailable merchandise may be sent to above named places subject to the conditions herein prescribed, viz.:

Limit of weight.....11 pounds
Greatest length.....3 feet 6 inches
Greatest length and girth combined.....6 feet
Postage.....12 cents a pound or fraction

*Except that parcels for Colombia and Mexico must not measure more than two (2) feet in length or more than four (4) feet in girth, and that parcels for France must not weigh in excess of four (4) pounds and six (6) ounces. Also that parcels for Australia, Austria, Belgium, Denmark, Formosa, Hongkong, Hungary, Italy (Italian offices in Turkey and Africa), Japan, Korea, Netherlands, Norway and Sweden must not exceed $80 in value, and that parcels for Ecuador and France must not exceed $50 in value.

Uruguay will admit parcels for certain towns only; particulars at postoffice.

When packages of merchandise intended for Mexico do not exceed four (4) pounds in weight, they may be sent under the same conditions applicable to packages of merchandise in the domestic mails—1 cent for each ounce or fraction thereof, fully prepaid.

Parcel-post packages for Barbados, Dutch Guiana, France, Great Britain, Ireland, Netherlands and Uruguay cannot be registered.

A parcel when sent as parcel post must not be posted in a letter box, but must be taken to the foreign branch, general postoffice, or any postal station, and presented to the person in charge, between the hours of 9 a. m. and 5 p. m., where a declaration of contents must be made, a record kept and a receipt given for the parcel. Packages for Dutch Guiana, France (special form), Netherlands, Salvador and Uruguay require two declarations, and Venezuela three.

INTERNATIONAL MONEY ORDERS.

International money orders are issued payable in Africa, Algeria, Apia (Samoa), Arabia, Argentine Republic, Australia, Austria, Azores, Belgium, Beloochistan, Beirut, Bolivia, Borneo, Bosnia, British Bechuanaland, British Central Africa, British East Africa, Bulgaria, Cape Colony, Caroline Islands, Cayman Islands, Ceylon, Chile, China, Cook Islands, Costa Rica, Crete, Cyprus, Danish West Indies, Denmark, Dutch East Indies, Egypt, Falkland Islands, Faroe Islands, Fiji Islands, Finland, Formosa, France, Germany, Gibraltar, Great Britain and Ireland, Heligoland, Herzegovina, Holland, Honduras, Hongkong, Hungary, Iceland, India, Italy, Jaffa, Japan, Jask (Persia), Java, Jerusalem, Kongo, Korea, Liberia, Luxemburg, Madeira, Malacca, Malta, Manchuria, Mauritius, Mexico, Monaco, Montenegro, Morocco, Mukho (Korea), Netherlands, New Guinea, New South Wales, New Zealand, North Borneo, Northern Nigeria, Norway, Orange River Colony, Palestine, Panama, Penrhyn Island, Persia, Peru, Pescadores Islands, Portugal, Queensland, Rhodes, Rhodesia, Roumania, Russia, Sakhalin (Japanese), St. Helena, Salvador, Samos Island, San Marino, Savage Island, Servia, Seychelle Islands, Siam, South Australia, Spice Islands, Straits Settlements, Sumatra, Sweden, Switzerland, Tasmania, Tobago, Transvaal, Tripoli, Tunis, Turkey, Turks Island, Victoria, Wales, Western Australia, Zambesia, Zanzibar and Zululand (South Africa).

Rates of fees for money orders payable in—Apia, Austria, Belgium, Bolivia, Chile, Costa Rica, Denmark, Egypt, Germany, Hongkong, Hungary, Japan, Liberia, Luxemburg, Mexico, Netherlands, New Zealand, Norway, Orange River Colony, Peru, Portugal, Sweden, Switzerland, Transvaal:

Orders for $10 or less	$0.08
Over $10 and not exceeding $20	.10
Over $20 and not exceeding $30	.15
Over $30 and not exceeding $40	.20
Over $40 and not exceeding $50	.25
Over $50 and not exceeding $60	.30
Over $60 and not exceeding $70	.35
Over $70 and not exceeding $80	.40
Over $80 and not exceeding $90	.45
Over $90 and not exceeding $100	.50

Fees collected on all other international money

orders (see exceptions under head of domestic money order rates):

Not exceeding $10	$0.10	Not exceeding $60	$0.60
Not exceeding $20	.20	Not exceeding $70	.70
Not exceeding $30	.30	Not exceeding $80	.80
Not exceeding $40	.40	Not exceeding $90	.90
Not exceeding $50	.50	Not exceeding $100	1.00

The maximum amount for which a single international money order may be drawn is, for orders payable in—

United Kingdom of Great Britain and Ireland	£20 10s 8d=$100
Cape Colony	£20 10s 8d= 100
New Zealand	£20 10s 8d= 100
Queensland	£20 10s 8d= 100
France, Algeria and Tunis	Francs 515= 100
Belgium	Francs 515= 100
Switzerland	Francs 515= 100
Italy	Lire 515= 100
Portugal	Milreis 92 reis 590= 100
The Netherlands	Florins 246.91= 100
Germany	Marks 418.41= 100
Sweden	Kroner 371.75= 100
Norway	Kroner 371.75= 100
Denmark	Kroner 371.75= 100
Japan	100
Honduras	100
New South Wales	£20 10s 8d= 100
Victoria	£20 10s 8d= 100
Tasmania	£20 10s 8d= 100
Austria	Crowns 490.20= 100
Hungary	Crowns 490.20= 100
South Australia	£20 10s 8d= 100
Luxemburg, Grand Duchy of	Francs 515= 100
Salvador	100
Hongkong	100
Egypt	100
Chile	100
British Honduras	£20 10s 8d= 100
Mexico	100
Russia	194 rubles 33 kopecks= 100
Apia	418.41 marks= 100
Greece	Francs 515= 100
Bolivia	100
Costa Rica	100
Liberia	100
Transvaal	100
Peru	100

The value of the British pound sterling in United States money is fixed by convention at $4.87; the German mark at 23.9 cents; French and Swiss franc and Italian lire at 19.42 cents; Swedish and Norwegian kroner at 27 cents; Netherland florin at 40½ cents; Portugal milreis at $1.09; Russian ruble at 51.46 cents.

AMERICAN INHERITANCE TAX LAWS.

State.	Collateral. Rates. Per cent.	Exemption.	Direct. Rates. Per cent.	Exemption.
Arkansas	5	.....	...	.....
California	1½-15	$500-$2,000	1-3	[1]$4,000
Colorado	3-6	500	2	10,000
Connecticut	3	10,000	1-2	10,000
Delaware[2]	5	500	...	.....
Idaho	1½-15	500-2,000	1-3	4,000
Illinois	2-6	500-2,000	1	20,000
Iowa	5	1,000	...	.....
Kentucky	5	500	...	.....
Louisiana[3]	5	.....	2	10,000
Maine	4	500	...	.....
Maryland	2½	500	...	.....
Massachusetts	3-5	1,000	1-2	10,000
Michigan	5	100	[4]1	2,000
Minnesota	1½-5	10,000	1½-5	10,000
Missouri	5	.....	...	.....
Montana	5	500	[4]1	7,500
Nebraska	2-6	500-2,000	1	10,000
New Hampshire	5	.....	...	.....
New Jersey	5	500	...	.....
New York	5	500	1	10,000
North Carolina	1½-15	2,000	3-4	2,000
North Dakota	2	25,000	...	.....
Ohio	5	$200	...	.....
Oregon	2-6	500-2,000	1	[5]$5,000
Pennsylvania	5	250	...	.....
South Dakota	2-10	100-500	1	5,000
Tennessee	5	250	...	.....
Texas	2-12	500-2,000	...	.....
Utah	5	10,000	5	10,000
Vermont	5	.....	...	.....
Virginia	5	.....	...	.....
Washington	3-12	.....	1	10,000
West Virginia	3-7½	.....	1	20,000
Wisconsin	1½-15	100-500	1-3	[1]2,000
Wyoming	5	500	2	[6]10,000

[1]Widows and (except in Wisconsin) minor children taxable only on the excess above $10,000 received by each. [2]Tax payable only by strangers in blood. [3]Tax not payable when the property bore its just proportion of taxes prior to the owner's death. [4]Applies to personal property only. [5]Decedents' estates of less than $10,000 are also exempt. [6]For the surviving husband or wife and children, if residents of Wyoming, $25,000.

INHERITANCE TAX IN ILLINOIS.

The Illinois law taxing gifts, legacies and inheritances was passed by the legislature in 1895 and amended in 1901. Its constitutionality was contested, but the United States Supreme court in a decision rendered Jan. 19, 1903, held it to be valid.

Under the provisions of this law all property, real, personal and mixed, which shall pass by will or by the intestate laws of the state from any resident of the state or any one whose property is in this state to any person or persons is subject to a tax at the following rates: When the beneficial interests to any property or income therefrom shall pass to any father, mother, husband, wife, child, brother, sister, wife or widow of the son or the husband of the daughter, or any adopted child or children or to any lineal descendant born in lawful wedlock, the rate of tax shall be $1 on every $100 of the clear market value of such property received by each person and at the same rate for any less amount, provided that any estate which may be valued at less than $20,000 shall not be subject to any such tax; and the tax is to be levied in the above cases only upon the excess of $20,000 received by each person.

When the property passes to any uncle, aunt, niece, nephew or any lineal descendant of the same the rate shall be $2 on every $100 in excess of $2,000.

In all other cases the rate shall be as follows: On each and every $100 of the clear market value of all property and at the same rate for any less amount; on all estates of $10,000 and less, $3; on all estates of over $10,000 and not exceeding $20,000, $4; on all estates over $20,000 and not exceeding $50,000, $5, and all estates over $50,000, $6; provided, that an estate in the above case which may be valued at a less sum than $500 shall not be subject to any tax.

The total amount of inheritance taxes received by the state from Oct. 1, 1906, to Sept. 30, 1908, inclusive, was $782,743.49, of which Cook county paid $583,892.13.

DALAI LAMA OF TIBET DEPOSED BY CHINA.

Feb. 25, 1910, the Chinese foreign office issued a statement announcing that the government had deposed the dalai lama as head of the Tibetan government because he had deserted his capital, Lassa, following an attempt by him to organize a general revolt. It was alleged that he had circulated rumors to the effect that China intended to exterminate lamaism and that British trade was injuring Tibet. For this reason China sent 2,000 soldiers to Lassa to preserve the peace and afford protection. The dalai lama secretly left Lassa Feb. 12 with his followers, whereupon China ordered the Tibetans to elect his successor. At the same time it issued a decree ordering the protection of lamaism and the strict observance of treaties with foreign countries. The dalai lama fled to India after narrowly escaping capture by the Chinese.

NATIONAL RAILWAY AND POSTAL STATISTICS.

[From report prepared by bureau of statistics.]

COUNTRY.	Year.	Railways.	Post-offices.	Printed matter sent.†	Letters and cards sent.	Val. domestic money and postal orders sent.	Value foreign money orders sent.
		Miles.	No.	Number.	Number.		
Argentina	1908	15,476	2,527	245,129,775	314,109,678	$18,661,600	$1,278,577
Australian Commonwealth	1908	16,213	7,558	117,457,308	311,034,408	126,023,233	41,223,151
New Zealand	1908	2,708	2,075	38,191,858	85,537,836	35,022,960	9,671,508
Austria	1908	.....	9,543	161,267,374	1,034,594,128	1,467,475,828	306,617,897
Hungary	1907	.....	5,618	88,870,311	420,355,544	1,068,218,784	263,383,795
Belgium	1908	2,913	1,459	406,183,681	272,394,944	295,741,962	37,991,060
Bolivia	1907	10,774	198	.....	.....	.....	.....
Brazil	1908	11,940	3,246	197,505,000	211,786,000	7,420,241	35,634
Bulgaria	1908	995	2,068	18,291,166	27,793,558	25,922,653	11,004,606
Canada	1908	22,966	12,479	79,541,000	479,670,000	36,577,552	16,050,218
Central America—Costa Rica	1908	.....	73	.....	.....	.....	.....
Honduras	1908	.....	268	.....	.....	.....	.....
Salvador	1907	.....	80	.....	.....	.....	.....
Chile	1907	3,290	942	3,003,868	37,671,713	17,660,965	1,311,382
China	1906	3,746	3,493	26,401,031	47,637,387	2,578,000	.....
Colombia	1907	449	448	.....	.....	.....	.....
Cuba	1908	2,330	447	.....	.....	3,819,213	1,153,069
Denmark	1908	2,141	1,488	141,298,740	125,011,918	152,715,703	14,669,940
Ecuador	1908	324	81	.....	.....	.....	.....
Egypt	1908	3,503	1,388	16,220,600	33,368,000	106,220,160	21,244,032
France	1908	29,716	12,827	1,536,796,063	1,319,877,091	2,197,699,542	84,712,863
Algeria	1907	2,000	628	20,713,503	21,982,277	328,957,087	2,460,466
Tunis	1908	575	384	6,911,224	16,832,934	21,193,210	12,780,462
Indo-China	1908	1,084	299	1,509,506	9,008,707	55,949	3,715,410
Colonies, N. E. S.*	1907	1,553	551	949,203	4,378,607	76,664	10,162,505
German empire	1908	36,686	49,838	3,295,597,366	4,040,617,077	15,657,397,164	242,777,098
Colonies	1908	1,701	156	.....	.....	81,219,437	.....
Greece	1908	771	852	11,399,500	15,285,093	16,212,387	1,877,192
Haiti	1906	140	66	157,245	554,853	.....	.....
India, British	1908	30,576	18,075	89,549,949	691,979,673	567,824,725	12,179,538
Italy	1908	10,388	9,652	567,516,249	375,559,509	2,949,892,008	53,814,671
Japan	1908	4,898	7,261	195,255,976	1,173,232,475	15,529	1,459,494
Formosa	1908	271	.....	.....	.....	.....	.....
Kongo	1908	459	50	52,598	411,963	109,703	305,131
Korea	1907	688	486	2,707,198	12,436,320	.....	.....
Luxemburg	1908	318	116	5,224,947	12,165,380	25,952,964	38,816,422
Mexico	1908	14,857	2,934	72,085,345	88,868,750	126,396,830	8,404,478
Netherlands	1908	1,912	1,445	239,120,237	207,707,491	154,217,964	15,941,954
East Indies	1908	3,223	1,620	12,234,053	17,749,028	17,969,562	3,594,943
West Indies, etc	1907	65	17	181,383	398,518	317,999	1,014,947
Norway	1908	1,607	3,099	88,428,118	60,915,990	47,619,316	8,214,455
Paraguay	1908	153	221	.....	6,455,823	.....	.....
Persia	1906	34	144	.....	.....	.....	.....
Peru	1908	1,471	416	.....	.....	.....	.....
Portugal	1908	1,690	3,682	37,083,249	54,728,054	54,752,375	2,069,008
Colonies	1906	676	402	885,198	4,901,993	1,445,972	2,880,609
Roumania	1908	1,995	3,280	71,541,631	60,335,162	51,476,468	31,676,463
Russia	1908	41,136	13,983	503,166,617	909,083,350	6,643,462,276	60,702,384
Finland	1908	2,057	1,704	55,144,919	29,999,825	3,216,930	1,565,362
Santo Domingo	1908	150	81	227,222	177,445	.....	.....
Servia	1908	379	1,450	9,715,154	15,853,000	31,414,422	2,767,483
Siam	1908	550	113	.....	8,887,952	.....	.....
Spain	1908	9,227	4,577	136,538,442	158,763,730	.....	.....
Sweden	1908	8,321	3,947	186,438,720	157,128,887	215,785,045	15,295,809
Switzerland	1908	2,763	4,098	227,012,343	252,211,515	737,006,298	65,520,313
Turkey	1908	973	1,312	4,069,777	25,665,220	54,768,470	2,184,220
United kingdom	1908	23,305	23,732	1,155,500,000	3,767,400,000	405,747,202	11,560,352
Colonies, N. E. S.*	1908	12,508	2,578	18,272,872	102,821,344	14,677,402	55,402,490
United States	1908	234,011	60,144	5,936,301,609	7,947,130,717	491,074,844	76,754,803
Philippines	1902	292	540	.....	.....	3,645,123	.....
Porto Rico	1908	200	.....	.....	.....	.....	.....
Uruguay	1908	1,447	800	.....	.....	.....	.....
Venezuela	1906	637	230	591,582	469,543	.....	.....
Total		612,978	293,301	16,028,471,303	25,035,355,993	34,734,378,598	1,556,257,221

*Not elsewhere specified. †Including newspapers and periodicals.

BUILDING AND LOAN ASSOCIATIONS.

State.	Number.	Membership.	Assets.	State.	Number.	Membership.	Assets.
California	107	31,142	$19,635,667	New Hampshire	17	7,250	1,978,127
Connecticut	13	2,891	1,898,830	New Jersey	324	157,354	73,697,889
Illinois	517	108,734	54,313,466	New York	255	121,711	46,994,128
Indiana	342	120,078	34,131,416	North Carolina	87	26,276	6,021,421
Iowa	48	15,300	4,390,443	North Dakota	9	2,600	1,497,822
Kansas	58	33,629	8,908,118	Ohio	645	327,662	139,340,424
Louisiana	53	27,363	11,523,654	Pennsylvania	1,423	389,446	158,510,745
Maine	35	9,429	3,869,142	Tennessee	15	5,215	2,728,303
Massachusetts	137	120,575	51,339,903	West Virginia	38	11,230	4,113,884
Michigan	58	39,182	15,056,493	Wisconsin	50	12,515	4,730,694
Minnesota	67	11,022	4,559,027	Other states	1,015	314,594	125,042,740
Missouri	123	21,698	9,300,661				
Nebraska	68	42,683	13,415,822	Total	5,629	1,959,579	796,998,819

Foreign Governments.

Rulers and cabinets of the leading countries, with the latest statistics of their area, population, exports and imports.

GREAT BRITAIN.

GOVERNMENT—King, George V.; heir-apparent, Edward Albert, prince of Wales.

Prime Minister and First Lord of the Treasury—*H. H. Asquith.

Lord Chancellor—*Lord Loreburn.

Lord President of the Council—

Chancellor of Exchequer—*David Lloyd-George.

Home Secretary—*Winston Spencer Churchill.

Foreign Secretary—*Sir Edward Grey.

Colonial Secretary and Lord Privy Seal—*Earl of Crewe.

Secretary for War—*R. B. Haldane.

Secretary for India—*Viscount Morley.

First Lord of Admiralty—*Reginald McKenna.

Secretary for Ireland—*Augustine Birrell.

Secretary for Scotland—*Lord Pentlan (John Sinclair).

President of the Board of Trade—*Sydney C. Buxton.

President of the Local Government Board—*John Burns.

President of the Board of Agriculture—*Earl Carrington.

President of the Board of Education—Walter Runciman.

Postmaster-General—*Herbert Louis Samuel.

Lord Lieutenant of Ireland—Lord Aberdeen.

Chancellor of the Duchy—*Joseph A. Pease.

Lord Advocate—A. Ure.

First Commissioner of Works—*Lewis Harcourt.

Attorney-General—Sir W. S. Robson.

Solicitor-General—Sir R. D. Isaacs.

Solicitor-General for Scotland—Arthur Dewar.

Attorney-General for Ireland—Redmond Barry.

Solicitor-General for Ireland—Charles A. O'Connor.

*Members of the cabinet.

The British parliament, in which the highest legislative authority is vested, consists of the house of lords and the house of commons. The former in 1909 had 618 members and the latter 670. The sessions usually last from February to August.

AREA AND POPULATION—The total area of England, Scotland, Ireland, Wales, the Isle of Man and the Channel islands is 121,390 square miles; the total for the British empire is 11,467,294 square miles. The total population of the empire in 1901 was 383,165,494. The population of the united kingdom April 1, 1901, when the last census was taken, was: England and Wales, 32,527,843; Scotland, 4,472,103; Ireland, 4,458,775; Isle of Man, 54,752; Channel islands, 95,618. Total, 41,976,827.

The cities of England and Wales having more than 100,000 population each were in 1909:

London	4,833,938	Croydon	161,078
Liverpool	760,357	Sunderland	159,378
Manchester	655,435	Oldham	143,301
Birmingham	563,629	Blackburn	136,959
Leeds	484,012	Brighton	130,926
Sheffield	470,958	Gateshead	131,024
Bristol	377,642	Derby	129,411
West Ham	321,767	Southampton	124,667
Bradford	293,983	Plymouth	124,180
Newcastle	281,584	Norwich	124,136
Kingston-upon-Hull	275,552	Birkenhead	121,123
Nottingham	263,443	Preston	118,519
Leicester	244,255	Halifax	111,911
Salford	241,960	Burnley	106,267
Portsmouth	214,726	Middlesbrough	105,255
Cardiff	195,303	Wolverhampton	104,633
Bolton	187,824	Stockport	103,706
		South Shields	117,627

The figures given in the above table for London are for the inner or registration district alone. Including the outer belt of suburban towns, which are within the metropolitan police district, the population of "Greater London" on the 31st of March, 1901, was 6,581,372; estimate in July, 1909, 7,429,740.

Population of the chief cities in Scotland in 1909:

Glasgow	872,021	Dundee	169,409
Edinburgh	355,366	Paisley	91,930
Aberdeen	181,918	Leith	85,721
Greenock	72,300	Kilmarnock	34,161
Perth	36,906		

The total population of Ireland in 1901 was 4,458,775, against a total of 4,704,750 in 1891, showing a decrease of 245,675, or 5.2 per cent. The decrease in each of the four provinces was: Leinster, 41,297; Munster, 98,568; Ulster, 38,463; Connaught, 69,876.

Population of the chief cities of Ireland in 1901:

Dublin	379,861	Drogheda	12,765
Belfast	348,875	Newry	12,587
Cork	99,693	Lurgan	11,777
Limerick	45,806	Lisburn	11,459
Londonderry	39,873	Wexford	11,154
Waterford	27,947	Sligo	10,862
Galway	13,414	Kilkenny	10,493
Dundalk	13,067		

The Dublin figures are for the metropolitan police district. Belfast and Londonderry have increased in population in the last ten years at the rate of 27.8 and 20.1 per cent respectively. Dublin city shows an increase of 7.6 per cent in the same period.

EXPORTS AND IMPORTS—The total exports of the British empire in 1909 were $4,688,682,000; of the united kingdom, $2,648,898,000; total imports of the empire, $5,264,731,900; of the united kingdom, $3,456,236,000.

The total exports of the united kingdom to the United States in 1910 were $271,029,772; imports, $505,552,871.

INDIA.

GOVERNMENT—Governor-general, Sir Charles Hardinge. Legislative authority vested in a council of sixty-eight members, thirty-six being official and thirty-two nonofficial.

AREA AND POPULATION—The total area of British India is 1,097,901 square miles. The total population according to the census of March 1, 1901, is 232,072,832, divided among the provinces as follows:

Ajmer-Marwara	476,912	Coorg	180,607
Assam	30,961,459	Madras	38,209,436
Bengal	50,722,067	Northwest province	2,125,480
Berar	2,754,016	United provinces	47,691,782
Bombay presidency	18,559,561	Punjab	20,330,339
Burma	10,490,624	Baluchistan	308,246
Central provinces	9,237,654	Andamans	24,649

Population of the large cities:

Calcutta	1,026,987	Delhi	208,575
Bombay	776,006	Lahore	202,964
Madras	509,346	Cawnpore	197,170
Haidarabad	448,466	Agra	188,022
Lucknow	264,049	Ahmedabad	185,889
Rangoon	234,881	Mandalay	183,816
Benares	209,331	Allahabad	172,032

DOMINION OF CANADA.

GOVERNMENT—The Canadian parliament consists of 87 life senators and a house of commons of 221 members, there being one representative for every 25,367 of population, based upon the census of 1901. The governor-general is Earl Albert Henry George Grey, appointed in 1904, and the council is made up of the following: Premier, Sir Wilfrid Laurier; secretary of state, Charles Murphy; minister of trade and commerce, R. J. Cartwright; minister of justice, A. B. Aylesworth; marine and fisheries, L. P. Brodeur; railways and canals, G. P. Graham; militia and defense, F. W. Borden; finance, W. S. Fielding; postmaster-general, Rodolphe Lemieux; labor, W. L. M. King; agriculture, S. A. Fisher; interior, Frank Oliver; public works, William Pugsley; customs, William Paterson; inland revenue, W. Templeman. The governor-general gets a salary of $50,000 a year, the premier $12,000 and the other ministers $7,000 each.

AREA AND POPULATION—The total area of Canada is 3,745,574 square miles, of which 3,619,818 is land area. Estimated population in March, 1910, 7,489,781. According to the fourth census,

taken March 31, 1901, the total population then was 5,371,315. Following were the returns for the several provinces:

Ontario	2,182,947	Yukon	27,219
Quebec	1,648,898	Alberta	72,841
Nova Scotia	459,574	Saskatchewan	91,460
New Brunswick	331,120	Keewatin	9,800
Manitoba	255,211	Mackenzie	5,216
Brit. Columbia	178,657	Ungava	5,113
Prince Edward island	103,259	Franklin	.....

Population of the principal cities in 1901:

Montreal	267,730	Kingston	17,961
Toronto	208,040	Brantford	16,631
Winnipeg (1906)	90,234	Hull	13,988
Quebec	68,840	Calgary	12,142
Ottawa	59,928	Charlottetown	12,080
Hamilton	52,634	Sherbrooke	11,765
Halifax	40,832	Edmonton (1906)	11,534
St. John	40,711	Valleyfield	11,055
London	37,981	Sydney	9,908
Vancouver	26,133	Moncton	9,026
Victoria	20,816	Brandon	5,738

IMPORTS AND EXPORTS—The total value of the imports for the year ended June 30, 1909, was $369,766,000; exports, $279,212,000; imports from the United States (1910), $215,990,021; exports to the United States, $95,128,310.

COMMONWEALTH OF AUSTRALIA.

July 9, 1900, the British parliament passed an act empowering the six provinces of Australia to form a federal union and Jan. 1, 1901, the new commonwealth was proclaimed at Sydney, N. S. W. Its first parliament was opened May 9, 1901, by the prince of Wales (now George V.), heir-apparent to the British throne, acting for his father, King Edward VII. In 1908 Bombala, N. S. W., was chosen as the permanent capital.

GOVERNMENT—The federal parliament is made up of a senate of thirty-six members, six from each original state, and a house of representatives of seventy-five members, apportioned as follows: New South Wales, 27; Victoria, 22; Queensland, 9; South Australia, 7; Western Australia, 5; Tasmania, 5. The king is represented by the governor-general. He and the council of seven ministers exercise the executive power. The governor-general is paid a salary of $50,000 a year. The governor-general is the earl of Dudley. The ministers are: Alfred Deakin, external affairs and prime minister; P. M. Glynn, attorney-general; G. W. Fuller, home affairs; Sir J. Forrest, treasurer; Sir R. W. Best, trade and customs; Joseph Cook, defense; Sir John Quick, postmaster-general.

AREA AND POPULATION—The commonwealth has a total area of 2,974,581 square miles, divided among the states as follows: New South Wales, 310,372; Victoria, 87,884; Queensland, 670,500; South Australia, 903,690; Western Australia, 975,920; Tasmania, 26,215.

The total population of the commonwealth as enumerated March 31, 1901, was 3,773,801, divided among the states as follows:

New So. Wales	1,354,846	West. Australia	184,124
Victoria	1,201,070	Tasmania	172,475
Queensland	496,596		
South Australia	362,604	Total	3,771,715

The total population in December, 1908, was estimated at 4,275,506.

The population of Melbourne in 1901 was 493,956; Sydney (1900), 451,000; Adelaide (1900), 160,691, and Wellington (1899), 47,862.

EXPORTS AND IMPORTS—The total exports of the states in the commonwealth in 1909 were $306,187,000; total imports, $248,761,000. Australia in 1910 exported merchandise valued at $14,806,764 to the United States and imported merchandise worth $27,696,557.

UNION OF SOUTH AFRICA.

Sept. 29, 1909, the British parliament passed an act empowering the four self-governing colonies of South Africa—Cape of Good Hope, Natal, Transvaal and Orange Free State—to form a federal government to be known as the Union of South Africa. This was proclaimed May 31, 1910, at Pretoria, the seat of government, other services taking place at Cape Town, the seat of the legislature.

The executive government is vested in the king, represented by a governor-general, and an executive council and in ten ministers of state. Legislative power is vested in a parliament consisting of a senate and a house of assembly. The senate contains forty-two members, eight of whom are nominated by the governor-general in council and thirty-two elected by the four provinces, each of which is entitled to eight senators. The assembly consists of 121 members, chosen in electoral divisions as follows: The Cape of Good Hope, 51; Natal, 17; Transvaal, 36; Orange Free State, 17. Senators are elected for ten years and assemblymen for five. The English and Dutch languages are both official.

Governor-General—Lord Herbert John Gladstone.
Cabinet: Premier and minister of agriculture, Gen. Louis Botha; interior, mines and mining, Mr. Smuts; railways, Mr. Sauer; justice, Gen. Hertzog; education, Mr. Malan; finance, Mr. Hull; lands, Mr. Fischer; native affairs, Mr. Burton; commerce and industries, Mr. Moor; public works, posts and telegraphs, Mr. Graaf; without portfolio, Dr. Gubbins.

Area in square miles and population:

Province.	Area.	Population.
Cape of Good Hope	276,995	2,409,804
Natal	45,832	1,206,386
Transvaal	110,426	1,057,275
Orange Free state	50,392	387,315
Total	483,645	5,040,780

IMPORTS AND EXPORTS—The total imports of the four states in 1909 were valued at $211,541,000, and the exports at $410,336,600. Exports to the United States in 1910, $2,178,174; imports, $9,614,406.

AUSTRIA-HUNGARY.

GOVERNMENT—Emperor of Austria and king of Hungary, Francis Joseph I.; heir-presumptive (his nephew, son of the late Archduke Charles Louis), the Archduke Francis Ferdinand of Este.
Joint or common ministry:
Foreign Affairs—Baron von Aehrenthal.
War—Baron Franz Schoenaich.
Finance—Baron Stephan Burian von Rajecz.
Cabinet for Austria:
Premier—Baron Bienerth.
Interior—Baron Hardtl.
Commerce—Dr. Weiskirchner.
Finance—Ritter von Bilinski.
Railways—Herr Wrba.
Instruction—Count Stuergth.
Agriculture—Josef Pop (acting).
Justice—Herr Hochenburger.
National Defense—Marshal von Georgi.
Labor—Councilor Ritt.
Polish Minister—Ritter von Duleba.
Czech Minister—Dr. Zaschek.
German Minister—Dr. Schreiner.
Cabinet for Hungary:
Premier and Minister of Interior—Count Charles Khuen-Hedervary.
Finance—Dr. Ladislas Lukacs.
Defense—Samuel Hazai.
Worship and Justice—Dr. Francis Z. Szekely.
Commerce—Charles Hieronymi.
Agriculture—Count Adalbert Serenyi.
Education—Count Johann Zichy.
Minister at Court—Count Alada Zichy.

The empire of Austria and the kingdom of Hungary are sovereign states, each with its own constitution, legislative bodies and system of administration, co-ordinate in rank and mutually independent within the domain of home affairs. Foreign representation (embassies and consulates), the army and navy, customs (import and export duties), and the administration of the annexed provinces (Bosnia and Herzegovina) are, however, conducted in common. Legislation on matters affecting the interests of the dual monarchy as a whole is intrusted to the delegations—two bodies of sixty members each, chosen from among members of the two legislative chambers of Austria and Hungary respectively.

AREA AND POPULATION—Area of Austria, 115,903 square miles; of Hungary, 125,430 square miles. The population of Austria in 1901 was 26,150,708. The population of Hungary in 1901 was 19,254,559.

Total population for both countries in 1901 was 45,405,265. Largest cities of Austria:

Vienna (1909)	2,085,835	Brunn	109,346
Prague (1909)	233,649	Cracow (1909)	109,103
Trieste (1909)	221,993	Pilsen	68,079
Lemberg	159,877	Czernowitz	67,622
Gratz	138,380		

Largest cities of Hungary:

Budapest	732,322	Hodmezo Vasarholy	60,833
Szeged	102,091	Keeskemet	57,812
Szabadka	82,122	Arad	56,260
Poszony	65,867	Temesvar	53,033
Zagrab	61,002		

IMPORTS AND EXPORTS—The value of the imports into the Austro-Hungarian customs territory in 1909 was $564,555,000; exports, $469,627,000. Chief imports are cotton, coal, wool, maize, tobacco, coffee and wines; principal exports, lumber and wood manufactures, sugar, eggs, barley, lignite, malt, leather, gloves and shoes. Imports from the United States in 1910, $14,962,731; exports to United States, $17,408,910.

BELGIUM.

GOVERNMENT—King, Albert I. Cabinet:
Premier and Minister of Interior and Agriculture—M. Schollaert.
War—Gen. Hallebaut.
Foreign Affairs—M. Davignon.
Finances—J. Liebaert.
Justice—M. Lantsheere.
Railroads—M. Helleputte.
Industry and Labor—M. A. Hubert.
Public Works—M. Delbeke.
Instruction and Fine Arts—Baron Descamps.

AREA AND POPULATION—Total area, 11,373 square miles. Total population Dec. 30, 1900, 6,603,533; estimated population, 1908, 7,386,444. Population of the largest cities Dec. 31, 1908:

Brussels (capital)	637,807	Liege	175,870
Antwerp	314,135	Ghent	163,763

IMPORTS AND EXPORTS—The imports in 1909 amounted to $658,115,000 and the exports to $501,203,000. The trade with the United States in 1910 was: Imports, $41,116,585; exports, $40,059,281. Chief imports are cereals, textiles, and metal goods; chief exports, cereals, raw textiles, tissues, iron, glass, hides, chemicals and machinery.

BULGARIA.

GOVERNMENT—King, Ferdinand, duke of Saxe-Coburg-Gotha. Legislation is enacted by the "sobranje," a single chamber of 157 members elected for five years. Bulgaria in 1908 declared itself independent of Turkey, under the suzerainty of which country it had been an autonomous principality.

AREA AND POPULATION—Area, 24,380 square miles. Population Dec. 13, 1905, 4,035,623; in 1908, 4,158,409; population of Sofia, the capital, 100,000.

IMPORTS AND EXPORTS—Exports in 1909, $21,507,000; imports, $30,963,000. Exports to the United States in 1910, $385,667; imports, $128,111. The exports are mainly cereals and the imports textiles.

DENMARK.

GOVERNMENT—King, Frederick VIII.; heir-apparent, Prince Christian. Cabinet:
Premier and Minister of Defense—Klaus Berentsen.
Foreign Affairs—Count Ahlefeldt-Laurvigen.
Home Affairs—Jensen Svenderup.
Agriculture—Anders Nielsen.
Instruction—Jacob Appel.
Commerce—O. B. Muus.
Finance—Niels Neergaard.
Justice—Fritz Bulow.

Legislative authority is vested in the landsthing and folkething. The former, which is the upper house, has 66 members, twelve of whom are appointed for life, the remainder being elected for terms of eight years. The folkething, or lower house, has 114 members, each elected for three years.

AREA AND POPULATION—Denmark's area is 15,592 square miles and total population in 1906, 2,605,268. Copenhagen, the capital, has a population of 426,540 (without suburbs).

IMPORTS AND EXPORTS—Total exports in 1908, $171,373,009; imports, $197,667,500. The imports from the United States in 1910 were $13,644,903; exports, $2,198,334. Leading articles of export are butter, pork, eggs and lard; of import, textiles, cereals, wood, iron manufactures and coal.

FRANCE.

GOVERNMENT—President, Clement Armand Fallieres; term expires 1913.
Premier and Minister of the Interior—Aristide Briand.
Justice—Theodore Girard.
Foreign Affairs—Stephen Pichon.
Education—Maurice Faure.
Finance—L. Klotz.
War—Gen. Brun.
Marine—Admiral Boue de la Peyrere.
Public Works—M. Puech.
Commerce—Jean Dupuy.
Colonies—M. Morel.
Agriculture—Maurice Raynaud.
Labor—Louis Lafferre.

Legislative authority is vested in the chamber of deputies and the senate. The former has 584 members, each of whom is elected for four years. The senate has 300 members elected for nine years. The presidential term is seven years.

AREA AND POPULATION—France has a total area of 207,054 square miles. The area of the French colonies and dependencies throughout the world is 4,367,746 square miles. Total population (1907) of France proper, 39,961,945. Population of the principal cities in 1906:

Paris	2,763,393	Toulouse	149,438
Marseilles	517,498	St. Etienne	146,788
Lyons	472,114	Nice	134,232
Bordeaux	251,917	Nantes	133,247
Lille	205,602	Havre	132,430

IMPORTS AND EXPORTS—The total imports in 1909 amounted to $1,152,715,000; exports, $1,063,746,000. Exports to the United States in 1910, $132,363,346; imports from, $117,627,466. The chief exports are textiles, wine, raw silk, wool, small wares and leather; imports, wine, raw wool, raw silk, timber and wood, leather, skins and linen.

GERMANY.

GOVERNMENT—Emperor and king of Prussia, Wilhelm II.; heir-apparent, Prince Friedrich Wilhelm. Cabinet officers:
Imperial Chancellor—Dr. Theobald von Bethmann-Hollweg.
Foreign Affairs—Baron Alfred von Kiderlen-Waechter.
Interior—Herr Klemens Dalbruck.
Navy—Admiral Alfred von Tirpitz.
Justice—Dr. Arnold Nieberding.
Colonies—Herr von Lindequist.
Treasury—Herr Adolph Wermuth.
Postal Affairs—Dr. Reinhold Kraetke.
Commerce—Herr Reinhold Sydow.
President of Imperial Railway Administration—Dr. Friedrich Schulz.

The Prussian minister of war, Gen. Josias O. O. von Heeringen, while nominally having jurisdiction over Prussian army affairs only, represents the imperial government in the reichstag in military matters and is, for all practical purposes, German secretary for war. Of the various independent states of Germany only the kingdoms of Prussia, Saxony, Bavaria and Wurttemberg have their own ministers of war.

Legislative authority is vested in a bundesrath, or senate, of 58 members, and a reichstag, or house, of 397 members. The latter are elected for five-year terms on a popular franchise and the senators are appointed from the state governments for each session.

AREA AND POPULATION—The area of the states in the empire is 208,780 square miles; area of dependencies about 1,027,820 square miles; grand total, 1,236,600 square miles.

The last federal census was taken Dec. 1, 1905. According to this the population of the empire was 60,641,278. The estimated population of the foreign dependencies is 12,686,000. State population in 1905:

Prussia	37,293,324	Baden	2,010,728
Bavaria	6,524,372	Saxony	4,508,601
Wurttemberg	2,302,179	Hesse	1,209,175

Mecklenburg-Schwerin	625,045	Schwarzburg-Sond.	85,152
Oldenburg	438,856	Reuss, junior branch	144,584
Brunswick	485,958	Schaumburg-Lippe	44,902
Saxe-Weimar	388,095	Reuss, elder branch	70,603
Mecklenburg-Strelitz	103,451	Hamburg	874,878
Saxe-Meiningen	268,916	Lubeck	105,857
Anhalt	328,029	Bremen	263,440
Saxe-Coburg-Gotha	242,432	Waldeck	59,127
Saxe-Altenburg	101,412	Alsace-Lor.	1,814,564
Lippe	145,577		
Schwarzburg-Rud.	96,835	Total	60,641,278

German cities having more than 150,000 inhabitants in 1905 included the following:

Berlin	2,040,148	Essen	231,360
Hamburg	802,793	Stettin	224,119
Munich	538,983	Konigsberg	223,770
Dresden	516,996	Bremen	214,861
Leipzig	503,672	Duisburg	192,346
Breslau	470,904	Dortmund	175,577
Cologne	428,722	Halle-on-Saal	169,916
Frankfort a. M.	334,978	Altona	168,320
Nurnberg	294,426	Strassburg	167,678
Dusseldorf	253,274	Kiel	163,772
Hanover	250,024	Elberfeld	162,853
Stuttgart	249,286	Mannheim	163,693
Chemnitz	244,927	Danzig	159,648
Magdeburg	240,633	Barmen	156,089
Charlottenburg	239,559	Rixdorf	153,513

EXPORTS AND IMPORTS—Total exports (1909), $1,590,031,000; total imports, $1,954,839,000.

During the fiscal year ended June 30, 1910, Germany exported $168,806,237 worth of merchandise to the United States and imported merchandise valued at $249,555,926.

SOVEREIGNS OF STATES.

Anhalt—Duke, Friedrich.
Baden—Grand duke, Friedrich II.
Bavaria—King, Otto; prince regent, Luitpold.
Brunswick—Regent, Duke Johann Albrecht.
Hesse—Grand duke, Ernst Ludwig.
Lippe—Count, Leopold IV.
Mecklenburg-Schwerin—Grand duke, Friedrich Franz IV.
Mecklenburg-Strelitz—Grand duke, Adolph Friedrich.
Oldenburg—Grand duke, Friedrich August.
Prussia—King, Wilhelm II.
Reuss, Elder Branch—Prince, Heinrich XXIV.
Reuss, Younger Branch—Prince, Heinrich XIV.
Saxe-Altenburg—Duke, Ernst.
Saxe-Coburg and Gotha—Duke, Charles Edward.
Saxe-Meiningen—Duke, Georg II.
Saxony (grand duchy)—Grand duke, Wilhelm Ernst.
Saxony—King, Friedrich August III.
Schaumburg-Lippe—Prince, Georg.
Schwarzburg-Rudolstadt—Prince, Gunther.
Waldeck—Prince, Friedrich.
Wurttemberg—King, Wilhelm II.

GREECE.

GOVERNMENT—King, George I.; heir-apparent, Prince Constantine, duke of Sparta. Cabinet:
President of the Council and Minister of Finance—M. Dragoumis.
Foreign—M. Kallergis.
Worship and Instruction—M. Panagiotopoulos.
Marine—Capt. Miaoulis.
Interior—M. Mavromatis.
Justice—M. Phikioris.
War—Col. Zorbos.
Legislative authority is vested in one chamber, the "boule," consisting of 235 members, each of whom is elected for four years.

AREA AND POPULATION—Total area, 25,014 square miles. Population in 1907, 2,631,922 (estimated). Athens in 1907 had 167,479 inhabitants; Piræus, 73,579, and Patras, 37,724.

EXPORTS AND IMPORTS—The total exports in 1908 amounted in value to $21,850,000; imports, $30,257,000. Exports to the United States in 1910, $2,643,005; imports from the United States, $429,670. The leading exports are currants, ores, olive oil and figs; imports, foodstuffs, textiles, coal and timber.

ITALY.

GOVERNMENT—King, Victor Emmanuel III.; heir to the crown, his son Humbert, prince of Piedmont, born Sept. 16, 1904.
President of Council and Minister of the Interior—Luigi Luzzatti.
Foreign Affairs—Marquis A. di San Giuliano.
Grace and Justice—Sig. Fani.
Treasury—Sig. Tedesco.
Finance—Sig. Facta.
War—Sig. Spingardi.
Marine—Admiral Leonardi Cattolica.
Public Instruction—Sig. Credaro.
Public Works—Sig. Sacchi.
Agriculture, Industry and Trade—Sig. Raineri.
Ports and Telegraph—Sig. Ciuffelli.

AREA AND POPULATION—The area of Italy is 110,646 square miles. According to the census of Feb. 9, 1901, the total population was 32,475,253. Estimated total population in 1909, 34,270,000. Population of the principal cities:

Naples	563,731	Genoa	234,700
Milan	491,460	Florence	205,589
Rome	462,783	Bologna	152,000
Turin	335,639	Venice	151,840
Palermo	310,352	Messina	149,778

IMPORTS AND EXPORTS—The value of merchandise exported in 1909 was $363,559,000; imported, $594,269,000. The total value of the exports to the United States in 1910 was $49,868,867; imports from the United States, $53,467,053. Chief imports are coal, cotton, grain, silk, wool, timber, machinery, sugar and oil; chief exports, silk, wine, oil, coral, sulphur, hemp and flax.

MONTENEGRO.

King, Nicholas I. Area, 3,630 square miles; population, 250,000; of the capital, Cettinje, 4,500. Total exports in 1907, $280,000; imports, $1,305,000. Montenegro has practically no trade with the United States. Chief exports are sumac, smoked sardines, cattle, sheep, goats, cheese, olive oil, wine and tobacco. Imports include petroleum, salt, maize, cottons, hardware, sugar, coffee and rice.

NORWAY.

GOVERNMENT—King, Haakon VII.; crown prince, Olaf.
Premier and Finance—Gunnar Knudsen.
Foreign Affairs—W. Christophersen.
Justice—J. Castberg.
Public Works—N. C. Ihlen.
Commerce—(Vacancy).
Defense—H. D. Lowzow.
Agriculture—H. K. H. Foosnes.
Legislative authority is vested in the storthing, consisting of 123 members elected for three years through universal suffrage by men and women. The storthing consists of two houses, the odelsthing and the lagthing. The former is made up of three-fourths of the members of the storthing and the latter of one-fourth.

AREA AND POPULATION—The total area of Norway is 124,445 square miles. Total population in December, 1908, 2,352,786. Christiania in 1900 had a population of 227,626 and Bergen 72,151.

IMPORTS AND EXPORTS—The value of the imports in 1909 was $95,747,000; exports, $60,936,000. Exports to the United States in 1910, $6,551,985; imports, $5,949,330. The chief exports are timber and wood manufactures, malty food, paper and minerals; imports, breadstuffs, groceries, yarn, textiles, vessels and machinery.

PORTUGAL.

GOVERNMENT—President, Theophilo Braga. Cabinet:
Foreign Affairs—Dr. Bernardino Machado.
Justice—Dr. Alfonso Costa.
Interior—Dr. Antonio Jose d'Almeida.
Public Works—Dr. Antonio E. Gomes.
Finance—Bazilio Telles.
War—Col. Barreto.
Marine—Amaro A. Gomes.
(See "Revolution in Portugal," this volume.)

Legislative authority is vested in the cortes, which consists of a house of peers and a house of commons, the former having 155 members and the latter 148.

AREA AND POPULATION—Total area, including Azores and Madeira, 35,490 square miles. Area of possessions in Africa and Asia, 801,060 square miles. The population of the home country with the Azores and Madeira in 1900 was 5,428,659; of the colonies in Africa and Asia, 9,216,707. In the same year Lisbon had a population of 356,009 and Oporto 167,955.

IMPORTS AND EXPORTS—Total imports in 1908 $72,637,650; total exports, $30,559,277. Imports from the United States in 1910, $3,223,855; exports to the United States, $6,507,733. The chief imports are foodstuffs, cotton, sugar, fish, wool, leather, coal and coffee; chief exports, wine, sardines, copper ore, olives and figs.

ROUMANIA.

GOVERNMENT—King, Carol I.; heir-apparent, Ferdinand, prince of Roumania.

Legislative authority is vested in a senate of 120 members and a chamber of deputies of 183 members elected for four years.

AREA AND POPULATION—The total area is 50,720 square miles. The population in 1899 was 5,956,690; estimated in 1908, 6,771,722. Population of the principal towns in December, 1899: Bucharest, 282,071; Jassy, 78,067; Galatz, 62,678; Braila, 58,392.

EXPORTS AND IMPORTS—The value of the exports in 1908 was $72,789,500; of the imports, $82,813,000. The chief exports are cereals and the leading imports are textiles. Exports to the United States in 1910, $36,181; imports from, $479,364.

RUSSIA.

GOVERNMENT—Czar, Nicholas II.; heir-apparent, Grand Duke Alexis.

Premier and Minister of the Interior—M. Stolypin.
Foreign Affairs—M. Iswolsky.
Finance—M. Kokovtseff.
Instruction—M. Schwartz.
Imperial House and Domains—Gen. W. Freedericksz.
Justice—M. Scheglovitoff.
Agriculture—M. Krivoshein.
Commerce—M. Tivasheff.
Railways—M. Rukhloff.
Controller—M. Kharitonoff.
Procurator of the Holy Synod—M. Lukianoff.
War—Gen. Sukhomlinoff.
Navy—Admiral Voyevodsky.
Minister of State for Finland—Gen. Langhoff.

Legislative authority is vested in the czar, douma and council of the empire.

AREA AND POPULATION—Area, 8,647,657 square miles. Total population in 1909, 160,095,200. Population of the principal cities:

St. Petersburg	1,678,000	Riga	282,230
Moscow	1,359,254	Kiev	319,000
Warsaw	756,426	Kharkov	174,846
Odessa	449,673	Vilna	162,633
Lodz	351,570	Kazan	143,707

IMPORTS AND EXPORTS—The total value of the imports in 1909 was $406,051,000; of the exports, $703,682,000. The exports to the United States in 1910 amounted in value to $17,377,212; imports from the United States, $17,829,811. The chief exports are foodstuffs, timber, oil, furs and flax; imports raw cotton, wool, metals, leather, hides, skins and machinery.

SERVIA.

GOVERNMENT—King, Peter I. (Karageorgevitch); heir-apparent, Prince Alexander (second son). Legislative authority is vested in a single chamber, called "skupshtina," of 160 elected members.

AREA AND POPULATION—Area, 18,650 square miles; population Dec. 31, 1905, 2,688,025. The capital, Belgrade, has 80,747 inhabitants.

EXPORTS AND IMPORTS—Total value of exports in 1908, $15,099,800; imports, $15,127,100. Exports to the United States in 1910, $1,067,008; imports, $4,273. The exports are mainly agricultural products and animals, and the imports cotton and woolen goods and metals.

SPAIN.

GOVERNMENT—King, Alfonso XIII.; heir-apparent, Prince Alfonso. Cabinet:

Premier—Senor Canalejas.
Foreign Affairs—Senor Garcia Prieto.
Finance—Senor Cobian.
War—Gen. Aznar.
Marine—Senor Arias Miranda.
Public Works—Senor Calbaton.
Public Instruction—Count Romanones.
Justice—Senor Ruiz Valarino.

AREA AND POPULATION—Total area, 194,783 square miles. Total population of Spain, census of 1900, 18,618,086; estimated Dec. 31, 1908, 19,712,585. Population of large cities:

Madrid	539,835	Carthagena	99,871
Barcelona	533,000	Saragossa	99,118
Valencia	213,530	Bilbao	83,306
Seville	148,315	Granada	75,900
Malaga	130,109	Cadiz	69,382
Murcia	111,539	Valladolid	68,789

IMPORTS AND EXPORTS—The exports of Spain in 1909 amounted to $159,410,000; imports, $165,495,000. Total exports to the United States in 1910, $18,453,278; imports, $18,964,403. Chief exports are wine, sugar, timber, animals, glassware and pottery; imports, cotton and cotton manufactures, machinery, drugs and chemical products.

SWEDEN.

GOVERNMENT—King, Gustaf V.; crown prince, Gustaf Adolf.

Minister of State—Admiral A. Lindman.
Foreign Affairs—Count Taube.
War—Maj.-Gen. Olaf Malm.
Finance—C. J. G. Swartz.
Marine—Commodore Ehrensvard.
Education—P. E. Lindstrom.
Interior—Count Hugo Hamilton.
Agriculture—S. O. Nylander.
Justice—Albert Pettersson.

Legislative authority is vested in a parliament of two chambers, the first of which has a membership of 150 and the second 230. Members of the upper house are elected for nine years and those of the lower for three years. The first chamber is elected by municipal representatives. To be eligible one must own real estate worth at least 80,000 crowns or pay taxes on an income of at least 4,000 crowns. The second chamber constituents must have an income of at least 800 crowns or own real estate worth at least 1,000 crowns.

AREA AND POPULATION—The total area of Sweden is 172,876 square miles. The population Dec. 31, 1908, was 5,429,600. The population of the principal cities at the same time was: Stockholm, 339,582; Gothenburg, 162,480; Malmo, 81,120; Norrkoping, 45,416; Helsingborg, 32,432.

IMPORTS AND EXPORTS—The total exports in 1908 were valued at $129,181,000; imports, $163,194,000. Exports to the United States in 1910, $6,830,477; imports, $5,991,896. The leading articles of export are timber and machinery; of import, textile goods and foodstuffs.

SWITZERLAND.

GOVERNMENT—President of Federal Council (1910)—Robert Comtesse.

Vice-President—M. Marc-Emile Ruchet.

Legislative authority is vested in a state and a national council, the former having 44 and the latter 167 members. The national councilors are elected directly by the people; the state councilors are elected in some cantons by the people and in others by the cantonal legislature. The chief executive authority is vested in the bundesrath, or federal council, one member of which is the chief of one of the federal departments. Its decrees are enacted as a body. Its members are elected president in rotation.

Switzerland owns its main railroads, its telegraph and telephone system and monopolizes the manufacture and sale of alcohol.

AREA AND POPULATION—Total area, 15,976 square miles. The population, according to the census of

June, 1908, was 3,559,349. Population of the largest cities:

Zurich	183,500	Bern	78,500
Basel	129,600	Lausanne	60,000
Geneva	121,200	St. Gallen	55,400

EXPORTS AND IMPORTS—Total exports in 1909, $211,852,000; imports, $304,065,000. Exports to the United States in 1910, $25,209,159; imports, $756,770. The articles chiefly exported are cottons, silks, clocks and watches; imported, foodstuffs, silk, minerals and metals, clothing and animals.

THE NETHERLANDS.

GOVERNMENT—Queen, Wilhemina; prince consort, Henry of Mecklenburg-Schwerin; heir, Princess Juliana. Cabinet:

Prime Minister and Minister of the Interior—Mr. Th. Heemskerk.
Foreign Affairs—Jonkheer Mr. R. de Marees van Swinderen.
Agriculture, Commerce, Industry and Labor—A. S. Talma.
War—W. Cool.
Navy—Capt. J. Wentholt.
Justice—Mr. T. Y. B. Nelissen.
Finance—M. J. C. M. Kolkman.
Colonies—J. H. de Waal Malefyt.
Waterways—Dr. L. H. W. Regout.

Legislative authority is vested in the states-general, composed of two chambers, the first having 50 members and the second 100. The latter are elected directly and the former by the provincial states.

AREA AND POPULATION—The area of Holland, or the Netherlands, is 12,648 square miles. The total population Jan. 1, 1910, was 5,853,037. That of the chief cities Dec. 31, 1908, was:

Amsterdam	565,589	Utrecht	116,783
Rotterdam	411,635	Groningen	75,370
The Hague (capital)	259,012	Haarlem	70,348
		Arnhem	63,987

IMPORTS AND EXPORTS—In 1908 Holland imported $1,129,576,569 worth of merchandise and exported $872,982,270. In 1910 the exports to the United States amounted to $31,713,766 and the imports from the same country to $84,937,878. Chief imports are iron and steel and their manufactures, textiles, coal, cereals and flour; exports, butter, sugar and cheese.

TURKEY.

GOVERNMENT—Sultan, Mehmed V. Cabinet:

Grand Vizier—Hakki Pasha.
Sheik-ul-Islam—Husni Effendi.
Minister of the Interior—Talaat Bey.
Foreign Affairs—Rifaat Pasha.
War—Mahmud Shevket Pasha.
Marine—Admiral Halil Pasha.
Finance—Djavid Bey.
Justice—Nazim Pasha.
President of the Council of State—Raif Pasha.
Public Works—Haladjian Effendi.
Public Instruction—Emrullah Effendi.
Agriculture, Mines and Forests—Prince Mavrogordato.
Religious Foundation—Sheref Ali Haidar.

A constitutional form of government was adopted July 24, 1908, with legislative authority vested in a parliament.

AREA AND POPULATION—The area of that part of Turkey under the direct control of the sultan is 1,157,860 square miles; of the whole empire, including tributary and subject states, 1,565,020 square miles. The total population of all parts of the empire is 35,414,300, of whom 24,813,700 are in Turkey proper. Constantinople has about 1,203,000 inhabitants.

EXPORTS AND IMPORTS—The total exports in 1906 amounted in value to $98,361,800 and the imports to $156,830,105. The exports to the United States in 1910 amounted to $8,815,651 in value and the imports to $2,357,672. The principal articles imported are cloth and clothing, sugar, coffee, flour, rice and manufactures of iron; exports, grapes, silk, grain, cocoon, wool, cotton, carpets, hides and skins.

ASIA.

AFGHANISTAN.

Ameer, Habibullah Khan; population, about 5,000,000; area, 250,000 square miles. No statistics as to imports and exports of Afghanistan are available. The chief productions are preserved fruits, spices, wool, silk, cattle and tobacco.

BOKHARA.

Ameer, Sayid Abdul Ahad; heir, Sayid Mir Alim Khan. The area of Bokhara is about 83,000 square miles and the population 1,250,000. The products are corn, tobacco, fruit, silk and hemp. Since 1873 Bokhara has been a dependency of Russia.

CHINA.

GOVERNMENT—Regent, Prince Chun; heir-apparent, Pu-Yi; president of foreign office, Prince Ching.

AREA AND POPULATION—Total area of China, with dependencies, 4,277,170 square miles; estimated population, 433,553,030.

EXPORTS AND IMPORTS—The total exports in 1908 amounted to $178,564,924 and the imports to $254,625,671. During the fiscal year 1910 goods to the value of $16,970,453 were imported from the United States. The total exports in the same period to the United States amounted to $31,297,928. The articles imported from America consist mainly of flour, kerosene, sago, india-rubber shoes, ginseng, quicksilver, white shirting, drills and broadcloth. Among the leading exports are tea, furs, wool, mats, fans, essential oils, straw braid, silks, hair, hides, hemp and sesamum seed.

JAPAN.

GOVERNMENT—Emperor, Mutsuhito; crown prince, Yoshihito. Cabinet:

Premier and Minister of Finance—Marquis Katsura.
Foreign Affairs—Baron Komura.
War—Gen. Baron Terauchi.
Navy—Vice-Admiral Saito.
Justice—Viscount Okabe.
Education—E. Komatsubara.
Agriculture and Commerce—Baron Oura.
Interior—Baron Hirata.
Communications—Baron Goto.

Legislative authority is vested in the emperor and the imperial diet. This consists of the house of peers and the house of representatives, the former having 364 and the latter 379 members.

AREA AND POPULATION—The total area of Japan is 161,210 square miles. The population according to the census of Dec. 31, 1908, was 49,581,928, exclusive of Formosa, the Pescadores and the south half of Sakhalin. The total population is close to 53,000,000. Cities having more than 100,000 inhabitants are:

Tokyo (1908)	2,186,079	Kobe	378,197
Osaka	1,226,590	Nagasaki	176,480
Kyoto	442,462	Hiroshima	142,763
Yokohama	394,303	Kanafawa	110,994
Nagoya	378,231	Kure	100,679

IMPORTS AND EXPORTS—The total imports in 1909 amounted in value to $195,784,000; exports, $204,167,000. In 1910 the imports from the United States were valued at $21,959,310 and the exports to the same country at $66,398,761. The chief exports are raw silk, cotton, yarn, copper, coal and tea; imports, sugar, cotton, iron and steel, machinery, petroleum and wool.

KOREA.

Emperor, Yi Chok; nominally an empire, but now a Japanese colony. Estimated area, 86,000 square miles. Population, 10,000,000 to 12,000,000, of whom 5,608,151 were liable to taxation in 1901. Seoul, the capital, has 196,646 inhabitants. Imports in 1908 valued at $20,512,761; exports, $7,056,655. Imports from the United States in 1910, $442,066; exports to, $20,176. The imports are chiefly cotton goods, metals, kerosene and silk goods; exports are rice, beans, cowhides, ginseng and copper.

KHIVA.

Khan, Seyid Mahomed Rahim; heir-apparent, Asfendiar; area, 24,000 square miles; population, 800,000. Products are cotton and silk. Khiva is a Russian vassal state.

PERSIA.

Shah or emperor, Ahmed Mirza; regent, Ali Reza Khan, Azad ul Mulk. Under constitution granted in 1906 legislative authority is vested in a national council of 156 members and a senate of sixty members. The area of Persia is about 628,000 square miles and the population 9,500,000. Imports in 1908-9, $33,523,560; exports, $29,358,630. Imports from the United States in 1910, $509,178; exports to, $683,371. Teheran, the capital, has a population of about 280,000. Chief among the products are silk, fruits, wheat, barley and rice.

SIAM.

King, Chowfa Maha Vajirvudh. Area, 195,000 square miles; population is estimated at 6,686,846. Bangkok, the capital, has about 450,000 inhabitants. The imports in 1908-9 were $28,906,000 and the exports $37,914,000. Imports from the United States in 1910, $286,200; exports to, $125,882. Chief among the exports are rice, teak and marine products; imports, cotton goods and opium.

AFRICA.

ABYSSINIA.

Emperor, Menelik II. Total area of Abyssinia about 200,000 square miles; population, 10,000,000. The exports are coffee, hides and skins, gum, wax, gold and ivory.

ALGERIA.

Algeria is a colony of France. Governor-General—M. Jonnart. Area, 343,500 square miles; population in 1906, 5,231,850. Chief imports are cottons, skins and furs and woodwork; exports, wine, sheep and cereals.

EGYPT.

Khedive, Abbas Hilmi; heir-apparent, Mohammed Abdul Mouneim. Total area of Egypt, 400,000 square miles; area of the Egyptian Sudan, 950,000 square miles. The population of Egypt proper in 1907 was 11,287,395; of the Egyptian Sudan, 10,000,000. Population of Cairo, 654,476; Alexandria, 332,246. Great Britain controls the state finances and is represented at Cairo by a "financial adviser," who sits in the council of ministers. The present adviser is Sir Eldon Gorst. The total exports in 1909 were valued at $130,381,000 and the imports at $111,152,400. Imports from the United States in 1910, $982,845; exports to, $12,176,108. The exports consist chiefly of cereals, raw cotton and provisions; imports, wool, coal, textiles and metal manufactures.

KONGO.

The Kongo was made a Belgian colony in 1908. The estimated area is 909,654 square miles and the negro population about 20,000,000. Europeans numbered 2,938 in January, 1909. Among the leading articles of export are ivory, rubber, cocoa, palm nuts, palm oil, copal gum and coffee. Total imports in 1908, $11,771,900; exports, $20,047,800.

LIBERIA.

President—Arthur Barclay. Legislative power is vested in a senate of nine members and a house of representatives of fourteen members. The total area of the republic is about 40,000 square miles and the population 2,120,000. The exports in 1907 were valued at $465,468 and the imports at $669,143. Imports from the United States in 1910, $84,869; exports to, $212. The chief exports are rubber, palm oil, cocoa, coffee, ivory, ginger and camwood. Imports are cottons, provisions, wood and iron manufactures and gin.

MOROCCO.

Sultan, Mulai Abd-el-Hafid. Area of Morocco about 219,000 square miles; population, 5,000,000. Total imports in 1908, $15,254,000; exports, $12,423,300. Imports from the United States in 1910, $60,373; exports to, $475,215. The chief imports are cotton, sugar and tea; exports, eggs, almonds, goatskins, beans, peas, linseed, wool, wax and cattle.

TUNIS.

Bey, Sidi Mohammed; heir-presumptive, Sidi Mohammed Ben Mamoun Bey. Tunis is under the protectorate of France and that country is represented by a resident-general. Total area, 50,000 square miles; population in 1906 about 2,000,000, including 128,895 foreigners. Imports in 1908, $24,606,650; exports, $18,831,000. Chief exports are wheat, barley, olives and palms.

UNION OF SOUTH AFRICA.

(See Great Britain.)

MEXICO.

GOVERNMENT—The republic of Mexico is divided into twenty-seven states, three territories and one federal district, each with a local government, but all subject to the federal constitution. Representatives are elected for two years each and are apportioned at the rate of one for each 40,000 inhabitants; the senators, of whom there are fifty-six, are elected by the people in the same manner as representatives. The president holds office four years and may be elected for several consecutive terms. Gen. Porfirio Diaz is serving his eighth term, which expires in November, 1916. Following are the names of his cabinet officers:

Senor Lic. Don Enrique C. Creel, secretary of state and of the department of foreign affairs.

Senor Don Ramon Corral, secretary of the interior and vice-president.

Senor Lic. Don Justino Fernandez, secretary of justice.

Senor Lic. Don Justo Sierra, secretary of public instruction and fine arts.

Senor Lic. Olegario Molina, secretary of encouragement.

Senor Leandro Fernandez, secretary of public works and communication.

Senor Lic. Don Jose Ives Limantour, secretary of the treasury and of public credit.

Senor Gen. Don Manuel Gonzales Cosio, secretary of the army and navy.

AREA AND POPULATION—The total area, including islands, is 767,005 square miles. The population, according to the federal census of Oct. 28, 1900, is 13,605,919. The population of leading cities of the republic follows: City of Mexico (capital), 368,777; Guadalajara, 101,418; Puebla, 93,521; Monterey, 62,266; San Luis Potosi, 61,009; Saltillo, 40,441; Pachuca, 37,487; Aguas Calientes, 35,052; Zacatecas, 32,856; Durango, 31,092; Toluca, 20,893; Hermosillo, 17,617.

COMMERCE—The chief exports of Mexico are precious metals, coffee, tobacco, hemp, sisal, sugar, dyewoods and cabinet woods, cattle and hides and skins. In 1909 the total exports amounted to $115,089,000; total imports for the same year were $77,939,000. The trade of Mexico is chiefly with the United States, Great Britain, France, Germany and Spain. In 1910 the imports from the United States were $58,193,704; exports to, $58,795,943.

SOUTH AMERICAN REPUBLICS.

ARGENTINA.

President, Senor Saenz Pena; capital, Buenos Aires. Area, 1,135,840 square miles. Population (1908), 6,489,023; Buenos Aires, 1,189,252. Total exports in 1909, $397,350,528; imports, $302,756,095. Exports to the United States in 1910, $33,463,264; imports, $40,694,941. Chief exports, sheep, wool, cattle, hides, frozen meats and wheat; imports, machinery, agricultural implements, railway cars, engines and supplies and manufactures of iron and steel.

BOLIVIA.

President, Senor Eliodoro Villazon; capital, Sucre. Area, 605,400 square miles. Population (1908), 2,049,083; LaPaz, 78,856; Chocachamba, 24,512; Sucre, 23,416. Total exports in 1909, $17,514,000; imports, $14,368,469. Exports to the United States in 1910, $189; imports, $603,721. Chief exports, silver, tin, copper, coffee, rubber; imports, provisions, clothing, hardware, spirits, silks and woolens.

BRAZIL.

President, Marshal Hermes da Fonseca; capital, Rio de Janeiro. Area, 3,218,991 square miles. Population (1900), 17,371,069. Rio de Janeiro (1909), 1,189,662; Sao Paulo (1902), 332,000; Bahia, 230,000; Pernambuco, 120,000. Exports (1909), $310,261,000; imports, $180,604,000. Exports to the United States in 1910, $108,154,491; imports, $22,897,890. Chief ex-

ports, coffee, sugar, tobacco, cotton and rubber; imports, cotton goods, manufactures of iron and steel, furniture, mineral oils, breadstuffs and provisions.

CHILE.

President, Ramon Barros Luco; capital, Santiago. Area, 292,580 square miles. Population in 1908, 3,399,928; Santiago, 378,000; Valparaiso, 175,000; Concepcion, 60,676. Total exports in 1909, $111,846,916; imports, $95,660,208. Exports to the United States in 1910, $20,921,326; imports, $8,304,246. Chief exports, nitrate, wool, hides and leather; imports, sugar, coal, cotton goods, cashmeres, oil, galvanized iron.

COLOMBIA.

President, Carlos E. Restrepo; capital, Bogota. Area, 435,100 square miles. Population in 1908, 4,303,000. Total exports (1909), $15,513,346; total imports, $10,561,047. Exports to the United States in 1910, $7,485,141; imports, $3,979,886. Chief exports, gold, silver and other minerals, coffee, cocoa, cattle, sugar, tobacco and rubber; imports, manufactures of iron and steel, cotton goods.

ECUADOR.

President, Gen. Eloy Alfaro; capital, Quito. Area, 116,000 square miles. Population, 1,272,000; Quito, 50,841; Guayaquil, 51,000. Total exports in 1909, $12,439,400; imports, $9,352,122. Exports to the United States in 1910, $2,859,714; imports, $2,215,951. Chief exports, coffee, cocoa, rice, sugar, rubber, cabinet woods, chemicals and minerals; imports, cotton, provisions, manufactures of iron and steel, clothing and mineral oil.

PARAGUAY.

President, Sr. Don Emiliano Gonzalez Navero; capital, Asuncion. Area, 98,000 square miles. Population (1905), 631,347. Asuncion (1905), 60,259. Total exports in 1909, $5,071,600; imports, $3,640,728. Exports to the United States in 1910, $29,170; imports, $61,142. Chief exports, mate (or Paraguay tea), tobacco, hides, timber, oranges; imports, cotton goods, machinery and provisions.

PERU.

President, Augusto B. Legula; capital, Lima. Area, 695,733 square miles. Population, 4,000,000; Lima, 140,884; Callao, 31,000. Total exports in 1908, $27,750,000; imports, $25,000,000. Exports to the United States in 1910, $7,621,497; imports, $4,548,053. Chief exports, cotton, coffee, sugar, cinchona, india rubber, dies and medicinal plants; imports, woolens, cotton, machinery and manufactures of iron.

URUGUAY.

President, Dr. Claudio Williman; capital, Montevideo. Area, 72,210 square miles. Population (1908), 1,042,668; Montevideo (1908), 316,000. Total exports in 1909, $47,621,291; imports, $38,643,035. Exports to the United States in 1910, $7,413,896; imports, $4,272,145. Chief exports, animal and agricultural products; imports, manufactured articles.

VENEZUELA.

President, Juan Vicente Gomez; capital, Caracas. Area, 393,870 square miles. Population (1908), 2,664,241; Caracas, 75,000. Total exports in 1909, $16,629,063; imports, $9,836,097. Exports to the United States in 1910, $6,701,352, imports, $2,797,210. Chief exports, coffee, hides, cabinet woods, rubber and chemicals; imports, machinery, manufactures of iron and steel, provisions, furniture and mineral wools.

CENTRAL AMERICAN STATES.

COSTA RICA.

President, Don Ricardo Jiminez; capital, San Jose. Area, 18,400 square miles. Population (1907), 351,176; of San Jose, 26,682. Total exports (1909), $8,176,257; imports, $6,109,938. Exports to the United States in 1910, $3,641,298; imports, $3,050,510. Chief exports, coffee and bananas; imports, cotton, machinery, iron and steel manufactures, woolens and worsteds.

GUATEMALA.

President, Manuel E. Cabrera; capital, Guatemala de Nueva. Area, 48,290 square miles. Population, 1,582,992, of the capital, 125,000. Total exports (1909), $10,079,219; imports, $5,811,586. Exports to the United States in 1910, $1,832,324; imports, $1,959,246. Chief exports, coffee and bananas; imports, cotton and cereals.

HONDURAS.

President, Miguel R. Davila; capital, Tegucigalpa. Area, 46,250 square miles. Population, 500,136; Tegucigalpa, 34,692. Total exports (1909), $1,993,985; imports, $2,581,552. Exports to the United States in 1910, $2,012,255; imports, $1,605,493. Chief exports, bananas, coffee, cattle, cocoanuts and wood; chief import, cotton.

NICARAGUA.

President, Gen. Juan J. Estrada; capital, Managua. Area, 49,200 square miles. Population 600,000; Managua, 34,872; Leon, 62,569. Total exports (1909), $3,600,000; imports, $3,500,000. Exports to the United States in 1910, $1,321,767; imports, $1,690,792. Chief exports, cattle and coffee; imports, flour, wine, beer, barbed wire, cotton goods, sewing machines, kerosene, calico and tallow.

PANAMA.

President, Dr. C. A. Mendoza; term expires Sept. 30, 1912. Independence of Panama declared Nov. 3, 1903; constitution adopted Feb. 13, 1904. Legislative power is vested in a national assembly composed of deputies elected by the people. The ratio of representation is one deputy for each 10,000 inhabitants. The term of office is four years. The area of the republic is 31,571 square miles and the population about 400,000; city of Panama, 20,000. Total exports (1909), $1,502,475; imports, $8,756,308. The exports to the United States in the fiscal year ended June 30, 1910, amounted to $2,229,189 and the imports to $20,596,371. The chief articles of export are bananas, rubber, coffee and pearls.

SALVADOR.

President, Gen. Fernando Figueroa; capital, San Salvador. Area, 7,225 square miles. Population (1906), 1,116,253; San Salvador, 59,540. Total exports (1909), $6,361,341; imports, $4,176,931. Exports to the United States in 1910, $1,176,393; imports, $1,316,957. Chief exports, coffee, indigo, sugar, tobacco and balsams; imports, cotton, spirits, flour, iron goods, silk and yarn.

CUBA.

GOVERNMENT—President, Gen. Jose Miguel Gomez; vice-president, Alfredo Zayas; terms expire May 20, 1913. Cabinet officers:

Secretary of State—Justo Garcia Velez.
Secretary of Promotion—Marcelino Diaz de Villegas.
Secretary of Justice—Luis Octavo Divino.
Secretary of Interior—Nicolas Alberti.
Secretary of Public Works—Benito Lagueruela.
Secretary of Public Instruction—Ramon Mesa.
Secretary of Agriculture, Commerce and Industry—Ortelio Foyo.
Secretary of Sanitation—Dr. Matias Duque.

Under the constitution the legislative power is exercised by two elective bodies—the house of representatives and the senate, conjointly called congress. The senate is composed of four senators from each of the six provinces, elected for eight years by the provincial councilmen and by a double number of electors constituting together an electoral board.

The house of representatives is composed of one representative for each 25,000 inhabitants or fraction thereof over 12,500, elected for four years by direct vote. One-half of the members of the house are elected every two years. The salary of members of congress is $3,600 a year.

ORGANIZATION OF THE REPUBLIC—The organization of the republic of Cuba, begun in 1900, was practically completed on the 20th of May, 1902, when the military occupation of the island by the United States came to an end and Gen. Tomas Estrada Palma was inaugurated as the first president.

AREA AND POPULATION—The total area of Cuba is 41,634 square miles. The population in 1907, when the last census was taken, was 2,048,980.

Population of provinces (1907):

Havana	538,010	Pinar del Rio	240,372
Santa Clara	457,431	Matanzas	239,813
Oriente	455,086	Camaguey	118,200

Population of principal cities in 1907:

Havana	302,526	Colon	52,006
Cienfuegos	70,416	Holquin	50,224
Camaguey	66,460	Pinar del Rio	50,071
Matanzas	64,385	Santa Clara	46,620
Manzanillo	54,900	Guantanamo	43,300
Santiago	53,614	Gibara	39,343

About 70 per cent of the population is white.

IMPORTS AND EXPORTS—The total imports in 1909 (calendar year) amounted to $91,447,581 and the exports to $124,711,069. The imports from the United States in 1910 were valued at $58,193,704 and the exports at $58,795,943. The principal articles of export are sugar, tobacco and cigars, iron and manganese ore, fruit, coffee, cocoa, molasses and sponges; of import, animals, breadstuffs, coal and coke, iron and steel, wood, liquor, cotton, chemicals and vegetables.

HAITI.

President, Gen. Antoine F. C. Simon. The area of Haiti is 10,204 square miles and the population about 2,029,700. Coffee, cocoa and logwood are the leading articles sold. Total exports (1909), $11,008,483; imports, $5,712,513. Exports to the United States in 1910, $790,579; imports, $4,498,449.

SANTO DOMINGO.

President, Gen. Ramon Caceres. The republic has an area of 18,045 square miles and a population of about 610,000. Santo Domingo, the capital, has 18,626 inhabitants. In 1909 the exports amounted to $8,177,330 and the chief articles shipped were coffee, cocoa and mahogany; imports, $4,645,378. Exports to the United States in 1910, $2,462,716; imports, $3,106,402.

ANNEXATION OF KOREA BY JAPAN.

The empire of Korea was formally annexed to Japan Aug. 29, 1910, when the treaty concluded between the two governments was officially promulgated. The document is preceded by a declaration in which attention is called to the fact that the system of government prevailing in Korea had not proved equal to the preservation of order and tranquillity and that fundamental changes in the actual regime were absolutely essential. The government of Japan further declares that foreigners resident in Korea will enjoy the same rights and immunities as in Japan; that Japan, for a period of ten years, will levy upon goods imported into Korea from foreign countries or exported from Korea, and upon foreign vessels entering any of the open ports of Korea, the same import or export duties and the same tonnage dues as under the existing schedules; that Japan will also permit, for a period of ten years, vessels under the flags of powers having treaties with Japan to engage in the coasting trade between the open ports of Korea and Japan, and that the existing open ports of Korea, with the exception of Masampo, will be continued as open ports and in addition Shin-Wiju will be newly opened. The text of the treaty follows:

His majesty the emperor of Japan and his majesty the emperor of Korea, having in view the special and close relations between their respective countries, desiring to promote the common weal of the two nations and to assure permanent peace in the extreme east, and being convinced that these objects can be best attained by the annexation of Korea to the empire of Japan, have resolved to conclude a treaty of such annexation, and have for that purpose appointed as their plenipotentiaries, that is to say:

His majesty the emperor of Japan, Viscount Masakata Terauchi, his resident-general, and his majesty the emperor of Korea, Ye Wan Yong, his minister president of state,

Who, upon mutual conference and deliberation, have agreed to the following articles:

Article I. His majesty the emperor of Korea makes complete and permanent cession to his majesty the emperor of Japan of all rights of sovereignty over the whole of Korea.

Art. II. His majesty the emperor of Japan accepts the cession mentioned in the preceding article and consents to the complete annexation of Korea to the empire of Japan.

Art. III. His majesty the emperor of Japan will accord to their majesties the emperor and ex-emperor and his imperial highness the crown prince of Korea and their consorts and heirs such titles, dignity and honor as are appropriate to their respective ranks, and sufficient annual grants will be made for the maintenance of such titles, dignity and honor.

Art. IV. His majesty the emperor of Japan will also accord appropriate honor and treatment to the members of the imperial house of Korea and their heirs, other than those mentioned in the preceding article, and the funds necessary for the maintenance of such honor and treatment will be granted.

Art. V. His majesty the emperor of Japan will confer peerages and monetary grants upon those Koreans who, on account of meritorious services, are regarded as deserving such special recognition.

Art. VI. In consequence of the aforesaid annexation, the government of Japan will assume the entire government and administration of Korea and undertake to afford full protection for the persons and property of Koreans obeying the laws there in force and to promote the welfare of all such Koreans.

Art. VII. The government of Japan will, so far as circumstances permit, employ in the public service of Japan in Korea those Koreans who accept the new regime loyally and in good faith and who are duly qualified for such service.

Art. VIII. This treaty, having been approved by his majesty the emperor of Japan and his majesty the emperor of Korea, shall take effect from the date of its promulgation.

In faith whereof the respective plenipotentiaries have signed this treaty and have affixed thereto their seals.

VISCOUNT MASAKATA TERAUCHI, resident-general, the 22d day of the 8th month of the 43d year of Meiji.

YE WAN YONG, minister president of state, the 22d day of the 8th month of the 4th year of Nung-hui.

COLONIES AND MOTHER COUNTRIES COMPARED.

COUNTRIES.	No. of colonies.	AREA IN SQUARE MILES. Mother country.	Colonies.	Total.	POPULATION. Mother country.	Colonies.†	Total.
Austria-Hungary	1	241,333	19,702	261,035	45,405,267	1,568,092	46,973,359
Belgium	1	11,373	909,654	921,027	7,386,444	20,000,000	27,386,444
China	4	1,532,420	2,744,750	4,277,170	407,253,030	26,300,000	433,553,030
Denmark	3	15,592	86,634	102,226	2,605,268	120,890	2,726,158
France	27	207,054	4,727,967	4,935,021	39,252,345	46,897,319	86,149,664
Germany	12	208,780	1,027,820	1,236,600	60,641,278	14,607,092	75,248,370
Great Britain	52	121,400	11,345,894	11,467,294	45,008,423	351,286,331	396,294,752
Italy	2	110,550	175,500	286,050	34,269,764	950,000	35,219,764
Japan	4	147,655	114,264	261,528	49,581,928	13,540,278	63,122,206
Netherlands	13	12,648	783,602	796,250	5,825,198	38,048,257	43,873,455
Portugal	9	35,490	802,952	838,442	5,423,152	9,144,316	14,567,448
Russia	2	8,647,657	107,000	8,754,657	113,841,000	2,050,000	115,891,000
Spain	3	194,783	80,580	275,363	19,712,585	291,946	20,004,531
Turkey	4	1,157,860	1,353,545	2,511,405	24,813,700	14,014,004	38,827,704
United States	7	3,025,600	716,555	3,742,155	*88,043,455	8,849,448	96,892,903

*Continental United States in 1909. †Includes protectorates and dependencies of all kinds.

COLONIES AND DEPENDENCIES OF NATIONS.

	Sq. miles.	Population.
AUSTRIA-HUNGARY.		
Bosnia and Herzegovina	19,702	1,568,092
BELGIUM.		
Belgian Kongo	909,654	20,000,000
CHINA.		
Chinese Turkestan	550,340	1,200,000
Manchuria	363,610	16,000,000
Mongolia	1,367,600	2,600,000
Tibet	463,200	6,500,000
DENMARK.		
Greenland	46,740	11,893
Iceland	39,756	78,470
West Indies	138	30,527
FRANCE.		
Algeria	343,500	5,231,850
Annam	52,100	6,128,000
Cambodia	45,000	1,800,000
Cochin China	20,000	2,968,600
Comoro isles	620	86,000
Guadeloupe	689	182,110
Guiana	34,060	39,349
India, French	196	277,000
Kongo, French	669,280	5,000,000
Laos	98,400	650,000
Madagascar	226,015	2,701,000
Martinique	378	182,000
Mayotte	140	11,610
New Caledonia	7,200	55,800
Reunion	970	201,000
Sahara	1,544,000	800,000
St. Pierre and Miquelon	96	6,000
Somali coast	5,790	180,000
Tahiti, etc	1,544	30,000
Tonquin	46,400	10,000,000
Tunis	45,779	1,500,000
West Africa, French:		
Dahomey	1,585,810	749,000
Guinea		1,498,000
Ivory coast		890,000
Mauretania		400,000
Senegal		915,000
Upper Senegal-Niger		4,415,000
GREAT BRITAIN.		
Aden, Perim, Socotra	10,387	55,974
Ascension	34	120
Australia	3,065,120	4,625,306
Bahamas	4,404	60,309
Barbados	166	35,000
Basutoland	10,290	348,850
Becuanaland	275,000	134,100
Bermuda	19	17,535
Borneo and Sarawak	73,206	660,000
British Guiana	90,500	297,172
British Honduras	7,562	43,270
British New Guinea	90,540	500,000
Canada	3,745,574	6,945,000
Cape of Good Hope	276,990	2,507,500
Ceylon	25,330	4,038,456
Cyprus	3,580	258,997
East Africa protectorate	175,518	4,000,000
Falkland islands	7,500	2,289
Federated Malay States	26,380	965,850
Fiji	7,740	130,981
Gambia	3,619	154,330
Gibraltar	2	18,316
Gold Coast	119,260	1,696,970
Hongkong	390	421,499
India	1,773,088	294,317,082
Jamaica	4,207	845,798
Labuan	30	8,286
Leeward islands	701	172,110
Malta	117	212,888
Mauritius	835	380,144
Natal	35,371	1,206,386
Newfoundland-Labrador	162,734	233,012
New Zealand	104,751	1,029,417
Northern Nigeria	256,400	7,614,751
Nyasaland	43,608	997,217
Orange Free State	50,392	466,380
Rhodesia	439,575	1,604,875
St. Helena	47	3,558
Seychelles	156	21,982
Sierra Leone	30,000	1,252,000
Solomon islands	12,000	150,000
Somaliland	68,000	348,000
Southern Nigeria	77,260	6,500,000
Straits Settlements	1,600	678,016
Tonga islands	390	22,000
Transvaal	110,426	1,269,951
Trinidad and Tobago	1,868	343,000
Turks and Caicos islands	169	5,300
Uganda	223,500	2,764,086
Weihaiwei	285	130,792
Windward islands	672	375,152
Zanzibar	1,020	250,000
GERMANY.		
Bismarck archipelago	20,000	189,000
Caroline islands	560	55,446
German East Africa	384,180	10,000,000
German Southwest Africa	322,450	120,000
Kaiser Wilhelm's Land	70,000	110,000
Kamerun	191,130	8,000,000
Kiauchau Bay	200	33,000
Marianne islands	250	2,646
Marshall islands	150	15,000
Samoan islands	1,000	37,000
Solomon islands	4,200	45,000
Togoland	33,700	1,000,000
ITALY.		
Eritrea	45,800	450,000
Somaliland	129,700	400,000
JAPAN.		
Formosa	13,458	3,039,751
Korea	86,000	10,000,000
Kwantung	1,256	427,117
Pescadores	50	55,410
Sakhalin	12,500	18,000
NETHERLANDS.		
Bali and Lombok	4,065	523,535
Banca	4,446	115,189
Billiton	1,863	36,858
Borneo	212,737	1,233,655
Celebes	72,010	851,905
Curacao	403	52,758
Dutch Guiana	46,060	78,124
Java and Madura	50,554	30,098,008
Moluccs islands	43,864	407,906
New Guinea	151,789	200,000
Riau-Lingga archipelago	16,301	112,216
Sumatra	161,813	4,029,503
Timor	17,698	308,600
PORTUGAL.		
Angola	484,800	4,119,000
Cape Verde islands	1,480	147,424
Damao, Diu	169	56,285
East Africa	293,400	3,120,000
Goa	1,469	475,513
Guinea	13,940	820,000
Macao, etc	4	63,991
Prince's and St. Thomas	360	42,103
Timor	7,330	300,000
RUSSIA.		
Bokhara	83,000	1,250,000
Khiva	24,000	800,000
SPAIN.		
Fernando Po, etc	780	21,946
Rio de Oro and Adrar	70,000	130,000
Rio Muni, etc	9,800	140,000
TURKEY.		
Crete	3,365	310,185
Samos	180	53,424
Egypt	400,000	11,287,395
Sudan	950,000	2,363,000
UNITED STATES.		
Alaska	590,884	91,978
Guam	210	9,000
Hawaii	6,449	154,001
Panama Canal Zone	474	.....
Porto Rico	3,435	953,243
Philippines	115,026	7,635,426
Samoan islands	77	5,800

CRUDE PETROLEUM PRODUCED IN THE UNITED STATES.

Year.	Gallons.	Year.	Gallons.	Year.	Gallons.	Year.	Gallons.
1897	2,539,971,672	1900	2,661,233,568	1903	4,219,376,154	1906	5,312,745,312
1898	2,325,297,786	1901	2,914,346,148	1904	4,916,663,682	1907	6,976,004,070
1899	2,396,975,709	1902	3,728,210,472	1905	5,658,138,360	1908	7,542,044,118

REVOLUTION IN PORTUGAL.

King Manuel II. of Portugal was deposed by a revolution in Lisbon and a republican government established Oct. 3-4, 1910. The royal family escaped from the Necessidades palace to the Portuguese royal yacht, Amelie, and proceeded to Gibraltar, whence the king later was conveyed to England on the royal yacht Victoria and Albert.

The republicans in Portugal had been planning for months to overthrow the monarchy, but the actual revolution was brought about by the act of a fanatical royalist named Santos, recently released from an insane asylum, who shot and mortally wounded Prof. Bombarda, whom he blamed for his detention. Bombarda was a well-known republican and his killing was denounced in the republican newspaper, Seculo, as a political assassination, as the professor was one of the delegates recently elected to the cortes. Great excitement ensued, mobs were formed and encounters with the police occurred. The 1st battery of artillery seized their officers, tore down the royal flag and distributed arms and ammunition among the people. Part of the 16th infantry also mutinied and fought against the troops that remained loyal to the king. The republican forces were getting the worst of it when three Portuguese cruisers in the Tagus, the Adamastor, the San Rafael and the Dom Fernando, came to their rescue, hoisting the red and green flag of the republic and shelling the royal palaces. The bombardment did little actual damage, but hastened the surrender of the royalists. The municipal guard and some of the other loyal soldiers held out until Wednesday morning, Oct. 5, when they surrendered. In the course of the fighting several hundreds of persons were killed or wounded, but no accurate figures were published.

King Manuel, who a few hours before the revolt had banqueted President-elect Fonseca of Brazil, escaped from the Necessidades palace and was conveyed in an automobile to Mafra, a town about eighteen miles northwest of Lisbon. Here he was joined by the Queen Mother Amelie and the Dowager Queen Maria Pia, who had fled from the Ajuda palace to Cintra. The Infante Alfonso, duke of Oporto, had embarked upon the royal yacht Amelie at Cascaes and brought the vessel around to Ericeira, a fishing village a few miles beyond Mafra. Here the royal fugitives embarked and went directly to Gibraltar and placed themselves under the protection of the British authorities.

In the provinces, island possessions and colonies of Portugal the republicans assumed control almost without opposition and within a few days after the events in Lisbon the revolution was complete throughout the country. The people in the capital, who had taken part in the insurrection, disbanded voluntarily, order was quickly restored and business resumed. A provisional government was established with Theophile Braga, a poet and philosopher, as president, and the following as members of his cabinet:

Minister of Justice—Alfonso Costa.
Minister of Foreign Affairs—Bernadino Machado.
Minister of Finance—Bazillo Telles.
Minister of Public Works—Antonio Luiz Gomes.
Minister of War—Col. Barreto.
Minister of Marine—Amaro Azovado Gomes.
Minister of the Interior—Antonio Almeida.
Civil Governor of Lisbon—Eusebio Leao.

One of the first acts of the new government was to order the expulsion of many of the religious orders in Portugal and to substitute public for clerical schools. The announced policy of the new regime was to promote decentralization in the government and colonial autonomy, to establish a system of secular education, to secure freedom of speech, to reform the finances and to separate the church and the state. It was also announced that governmental authority would be turned over to officials elected by the people within three months.

EPIDEMIC OF CHOLERA IN EUROPE.

Europe had an epidemic of cholera in 1910 more serious than any other of recent years. The disease claimed thousands of victims in Russia and many in Italy, but sporadic cases occurred in various parts of Austria-Hungary, Germany, Spain and England, while a few died on ships at sea. Several cases developed on vessels arriving in New York from Naples early in October.

Cholera has existed in Russia for two or three years, but in a mild form compared to the outbreak of 1910. Cases of the plague appeared early in the summer and as the season advanced they multiplied until in July, August and September they numbered between 150,000 and 200,000. Accurate statistics were not available for the entire empire, but such official figures as were made public showed that the mortality was very great. For example, the sanitary bureau reported that during the week of Aug. 7-13 there were 23,944 new cases and 10,723 deaths, bringing the total number of cases in Russia during the year up to that time to 112,985. The disease was then raging not only in St. Petersburg, Moscow and other large cities, but in nearly all the provinces. Sept. 26 the reports of the sanitary bureau showed a total for the season of 182,327 cases, with 83,613 deaths. With the advent of cooler weather in October the plague began to decline.

Outside of Russia the most serious development of the disease was in Naples, Italy. The first cases were reported about the middle of August in Bari and other towns in southeastern and southern Italy. The epidemic spread rapidly and soon reached Naples, though its presence there was not officially admitted until Sept. 26. By the end of September there were a dozen deaths and a score or more of new cases daily in the southern capital. Thousands of people fled from the city and it was practically isolated.

In the course of the summer cases of cholera were reported from other points in Europe as follows: Trani, Barletta, Andria, Trinitapoli, Canosa, Molfetta, Spinazzola, Margherit, Savoia, San Fernandino, Corignola, Bitonto, province of Apulia, Leghorn, Turin, Rome and towns in Sicily, Italy; Spandau, Freiburg, Berlin and Danzig, Germany; Budapest, Hungary, and London, England. Except in Italy, however, the disease was promptly checked.

REVOLUTIONS IN NICARAGUA.

Jose Santos Zelaya, the despotic president of Nicaragua, resigned Dec. 16, 1909, and Dr. Jose Madriz was elected to succeed him. Zelaya fled to Mexico in January, 1910, and thence went to Belgium and finally to Spain. Dr. Madriz was opposed by a large portion of the population and a revolution broke out almost immediately after he assumed office. Warfare continued for several months, the leader of the rebels, Gen. Juan J. Estrada, gradually driving the government troops from one stronghold to another, until Aug. 21, when Madriz gave up the struggle. The following day Gen. Estrada was proclaimed president of Nicaragua. Dr. Madriz' fall was due in part to his unfriendly attitude toward the United States.

HEIGHT OF SOME FAMOUS STRUCTURES.

Structure.	Feet.	Structure.	Feet.	Structure.	Feet.	Structure.	Feet.
Amiens cathedral	383	Eiffel tower	984	Milan cathedral	360	Singer bldg., N. Y.	612
Bunker Hill mon't	221	Florence cathedral	337	Pyramid, Great	451	Strassburg cathedral	465
Capitol, Washington	288	Fribourg cathedral	386	Rouen cathedral	464	St. Stephen's, Vienna	470
City hall, Phila	535	Masonic Tem., Chi	354	St. Paul's, London	404	Ward bldg., Chicago	394
Cologne cathedral	512	Metropol. bldg., N. Y.	700	St. Peter's, Rome	433	Washington mon'm't	556

CARNEGIE INSTITUTION OF WASHINGTON.

The Carnegie Institution was endowed by Andrew Carnegie with $10,000,000 and incorporated under the laws of the District of Columbia, Jan. 4, 1902. It was, however, deemed advisable to have it incorporated by act of congress, and this was effected May 18, 1904. Section 2 of the act specifies that the objects of the corporation shall be to encourage, in the broadest and most liberal manner, investigation, research and discovery, and the application of knowledge to the improvement of mankind. The projects considered by the institute are chiefly of three classes, namely:

First, large projects or departments of work, whose execution requires continuous research by a corps of investigators during a series of years.

Secondly, minor projects, which may be carried out by individual experts in a limited period of time.

Thirdly, research associates and assistants, aid being given to a few investigators possessing exceptional abilities and opportunities for research work.

An annual appropriation is made for the purpose of publishing the results of investigations made under the auspices of the institution, and for certain works which would not otherwise be readily printed. These publications are not distributed gratis except to a limited list of the greater libraries of the world.

Dec. 4, 1907, Andrew Carnegie added $2,000,000 to the endowment of the institution, making the total $12,000,000.

The following table shows the gross sums allotted to large projects since the organization of the institution up to 1910:

Botanical research	$125,240.00
Economics and sociology	150,000.00
Experimental evolution	150,450.00
Geophysical research	325,000.00
Historical research	87,650.00
Horticultural work (Burbank)	50,000.00
Marine biology	93,700.00
Meridian astrometry	80,000.00
Nutrition research	207,585.70
Solar observatory	581,500.00
Terrestrial magnetism	295,000.00
Total	2,146,125.70

The total amount expended up to 1910 was $4,128,697.11.

The larger projects now under way and the names of the department directors or investigators are as follows:

Botanical research—D. T. MacDougal.
Economics and sociology—Henry W. Farnam.
Experimental evolution—Charles B. Davenport.
Geophysics—Arthur L. Day.
Historical research—J. F. Jameson.
Marine biology—A. G. Mayer.
Meridian astrometry—Lewis Boss.
Nutrition—F. G. Benedict.
Solar physics—George E. Hale.
Terrestrial magnetism—A. L. Bauer.

The officers are as follows:

President of the institution—Robert S. Woodward.

Officers of the board of trustees—John S. Billings, chairman; Elihu Root, vice-chairman; C. H. Dodge, secretary.

Executive committee—William H. Welch, chairman; John S. Billings, S. Weir Mitchell, Elihu Root, Robert S. Woodward, C. H. Dodge, C. D. Walcott, William Barclay Parsons.

Trustees—John S. Billings, John L. Cadwalader, Cleveland H. Dodge, W. N. Frew, Lyman J. Gage, Henry L. Higginson, Charles L. Hutchinson, Seth Low, S. Weir Mitchell, Andrew J. Montague, William W. Morrow, Elihu Root, William Barclay Parsons, Henry S. Pritchett, Martin A. Ryerson, Charles D. Walcott, Andrew D. White, Robert S. Woodward, William H. Taft, William H. Welch.

The administration building of the institution is located on the southeast corner of 16th and P streets, N. W., Washington, D. C. The institution, however, is neither a branch of nor subject to any special regulations of the United States government. Neither is it a college or a university, nor does it maintain a library or museum.

INTERNATIONAL COMMISSIONS.

Alaskan Boundary Delimitation—Commissioner for the United States, O. H. Tittman; for Great Britain, Dr. Frederick King.

International Waterways—Members of commission, George Clinton, Oswald H. Ernst and Eugene E. Haskell for the United States; George C. Gibbons, Louis A. Costa and William J. Stewart for Great Britain.

Prison—Commissioner on the part of the United States, Charles R. Henderson, University of Chicago.

International Institute of Agriculture at Rome, Italy—American member of permanent committee, David Lubin.

Commissioners-General to the Tokyo Exposition—Francis B. Loomis, Ohio; Frederick J. V. Skiff, Illinois; Francis D. Millet, New York; secretary, John Callan O'Laughlin, Washington, D. C.

Commissioner-General to International Exposition of Art and History, Rome, 1911—Harrison S. Morris, Pennsylvania.

Commissioner-General to International Exposition of Industry and Labor, Turin, Italy, 1911—Francis B. Loomis, Ohio.

International Fisheries Commission—Commissioner for the United States, David Starr Jordan, California; for Great Britain, Edward E. Prince.

United States and Mexican Water Boundary—No 2 Dupont circle, Washington, D. C.; commissioner on the part of the United States, Brig.-Gen. Anson Mills; on the part of Mexico, Senor Don Fernando Beltran y Puga; secretary of the United States commission, W. Keblinger; secretary of the Mexican commission, Senor Don Manuel W. Velarde.

St. John River Joint Commission—For the United States, George A. Murchie and Peter Keegan; for Great Britain, Alexander P. Barnhill and John King.

Chamizal Arbitration Commission—Agent of United States, William C. Dennis of Indiana; agent of Mexico, Joaquin D. Cassasus of Mexico.

FAMOUS WATERFALLS OF THE WORLD.

Name and location.	Height in feet.
Gavarnie, France	1,385
Grand, Labrador	2,000
Minnehaha, Minnesota	50
Missouri, Montana	90
Montmorenci, Quebec	265
Multnomah, Oregon	850
Murchison, Africa	120
Niagara, New York-Ontario	164
Rjukan, Norway	780
Schaffhausen, Switzerland	100
Skjaeggedalsfos, Norway	530
Shoshone, Idaho	210
Staubbach, Switzerland	1,000
Stirling, New Zealand	500
Sutherland, New Zealand	1,904
Takkakaw, Brit'h Columbia	1,200
Twin, Idaho	180
Yellowstone (upper), Montana	110
Yellowstone (lower), Montana	310
Ygnassu, Brazil	210
Yosemite (upper), California	1,436
Yosemite (middle), California	626
Yosemite (lower), California	400
Vettis, Norway	950
Victoria, Africa	400
Voringfos, Norway	600

HEIGHTS AND WEIGHTS OF ADULTS.

Height.	Weight.	Height.	Weight.	Height.	Weight.	Height.	Weight.
5 ft. 1 in.	128 pounds	5 ft. 4 in.	149 pounds	5 ft. 7 in.	158 pounds	5 ft. 10 in.	181 pounds
5 ft. 2 in.	135 pounds	5 ft. 5 in.	152 pounds	5 ft. 8 in.	166 pounds	5 ft. 11 in.	186 pounds
5 ft. 3 in.	142 pounds	5 ft. 6 in.	155 pounds	5 ft. 9 in.	173 pounds	6 ft. 0 in.	190 pounds

MARRIAGE AND DIVORCE IN THE UNITED STATES.

[From report of federal census bureau.]

MARRIAGE AND DIVORCE STATISTICS BY STATES.

STATE OR TERRITORY.	MARRIAGES.					DIVORCES.				
	Number, 1887-1906.	Annual average 1898 to 1902.		Annual average 1888 to 1892.		Number 1887 to 1906.	Annual average† per 100,000 population.			
		Number	Per 10,000 Pop.	Number	Per 10,000 Pop.		1900.	1890	1880.	1870
Alabama	372,525	20,227	111	15,727	104	22,807	69	54	27	10
Arkansas	310,767	16,902	129	13,217	117	29,541	136	90	53	24
California	189,539	9,561	64	7,167	59	25,170	108	84	84	52
Colorado	98,877	5,457	101	4,261	103	15,844	158	197	138	60
Connecticut	136,984	7,034	77	6,216	83	9,224	50	66	61	84
Delaware	25,374	1,322	72	988	58	887	16	18	10	7
District of Columbia	50,244	3,114	112	1,512	66	2,325	58	34	31	30
Florida	114,496	6,176	117	4,314	110	7,586	79	57	53	23
Georgia	401,266	21,640	88	16,511	90	10,401	26	24	14	10
Idaho	23,330	1,359	84	705	80	3,205	120	93	58	67
Illinois	861,717	44,868	93	38,421	100	32,209	100	75	68	51
Indiana	493,389	26,451	105	22,453	102	60,721	142	104	70	69
Indian Territory	67,412	4,847	124	736	41	6,751	113	33	.....	.....
Iowa	366,350	19,298	86	16,474	96	34,874	93	67	60	49
Kansas	275,062	14,112	96	12,795	90	28,904	109	84	44	51
Kentucky	359,783	19,526	91	15,399	83	30,641	84	58	35	28
Louisiana	243,881	13,421	97	10,150	91	9,785	41	29	10	5
Maine	86,592	5,519	79	5,726	87	14,194	117	88	78	61
Maryland	195,875	10,740	90	7,916	76	7,920	40	24	12	12
Massachusetts	468,267	24,117	86	21,031	94	22,940	47	32	30	25
Michigan	424,096	23,008	95	18,726	88	42,371	104	72	72	47
Minnesota	242,147	13,118	75	10,275	78	15,646	55	41	27	21
Mississippi	313,500	17,574	113	11,778	91	19,993	74	48	30	12
Missouri	579,807	30,340	98	25,700	96	54,766	103	71	40	29
Montana	36,362	2,188	90	1,294	91	6,454	167	139	125	73
Nebraska	170,820	8,825	83	8,337	78	16,711	82	71	43	29
Nevada	7,073	527	124	238	50	1,045	111	97	106	99
New Hampshire	77,764	3,916	95	3,720	99	8,617	112	100	85	53
New Jersey	335,809	15,042	80	15,740	109	7,441	23	18	13	9
New Mexico	25,625	1,307	67	1,018	64	2,137	73	46	12	1
New York	1,205,625	63,082	87	49,584	83	29,125	23	17	16	16
North Carolina	313,725	17,142	91	13,074	81	7,047	24	12	6	3
North Dakota	44,022	2,454	77	1,339	70	4,317	88	47	46	....
Ohio	727,408	37,979	91	32,984	90	63,982	91	64	48	37
Oklahoma	45,415	3,326	83	347	44	7,669	129	46	.....	.....
Oregon	67,475	3,499	85	2,801	88	10,145	134	108	92	80
Pennsylvania	896,533	48,088	76	39,059	74	39,686	33	21	13	8
Rhode Island	72,836	3,726	87	3,214	93	6,953	47	32	30	25
South Carolina*	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
South Dakota	54,782	3,094	77	2,128	61	7,108	95	65	48	25
Tennessee	396,990	20,975	104	17,432	99	30,447	89	62	38	24
Texas	620,445	34,965	115	23,834	107	62,655	131	82	49	21
Utah	51,259	2,789	101	2,127	101	4,670	92	74	114	62
Vermont	58,472	2,977	87	2,807	84	4,740	75	49	47	50
Virginia	295,377	16,386	88	12,818	77	12,129	38	22	11	6
Washington	87,182	7,747	92	2,975	83	16,219	184	109	75	88
West Virginia	170,810	9,532	99	6,632	88	10,308	64	41	25	18
Wisconsin	337,583	16,802	81	16,009	95	22,867	65	51	41	33
Wyoming	13,509	839	91	426	68	1,772	118	86	111	99
Total	12,832,044	.....	.....	.....	.....	945,625	.....	.....	.....	.....

*No record kept. †For the five years of which the year stated is the median year.

MARRIAGE LAWS.

Marriage may be contracted without the consent of parents by males who are 21 years of age or more. This is the rule in about all the states having laws on the subject. In Arizona the age is 18. For females the age is 21 in Connecticut, Florida, Kentucky, Louisiana, Ohio, Pennsylvania, Rhode Island, South Dakota, Virginia, West Virginia and Wyoming; 16 is the age in Arizona, Maryland and Nebraska and 18 in the other states. Marriages contracted before the age of consent are illegal in nearly all the states.

Marriage licenses are required in all the states and territories with the exception of New Mexico, New Jersey, New York, North Dakota, Oklahoma and South Carolina.

Marriages between whites and negroes are prohibited by law in Alabama, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Idaho, Indiana, Kentucky, Maryland, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Virginia and West Virginia. Michigan specifically declares such marriages valid.

Marriages between first cousins are prohibited in Arizona, Arkansas, Illinois, Indiana, Kansas, Louisiana, Missouri, Montana, Nevada, New Hampshire, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota and Wyoming. Step-relatives are not permitted to intermarry except in California, Colorado, Florida, Georgia, Idaho, Minnesota, New Mexico, New York, North Carolina, Oregon, Utah and Wisconsin.

MARRIAGE RATES.

For the year 1900 the marriage rate based on the total population of continental United States and including the total number of marriages reported was 90 per 10,000 population. In 1890 the rate was 87 per 10,000 population. The rate in 1900 per 10,000 unmarried population 15 years of age and over was 312; in 1890 it was 304.

DIVORCE RATES.

The percentage of increase of divorces as compared with the percentage of increase in population is shown by the following figures:

Year.	Divorces.	Increase.	Population.	Increase.
1900	55,751	66.6	75,994,575	20.7
1890	33,461	70.2	62,947,714	25.5
1880	19,663	79.4	50,155,783	30.1

CAUSES FOR DIVORCE.

Summary of the laws in effect in various states and territories.

State or Territory.	Cruelty.	Desertion.	Fraud or force.	Imprisonment.	Incompetency.	Intemperance.	Neglect.	Non-age. Male.	Non-age. Female	Residence required.	Remarriage permitted.	Alimony.
Alabama	Yes..	2 yrs.	Yes....	2 yrs.....	Yes....	Yes....	.....	17	14	1 to 3 y.	Yes..	Yes.
Arizona	Yes..	1 yr..	Yes....	Felony..	Yes....	Yes....	1 yr..	18	16	1 yr....	Yes..	Yes.
Arkansas	Yes..	1 yr..	Yes.. .	Felony..	Yes....	1 yr....	.....	17	14	1 yr....	Yes..	Yes.
California	Yes..	1 yr..	Yes....	Felony..	.....	1 yr....	1 yr..	18	15	1 yr....	Yes..	Yes.
Colorado	Yes..	1 yr..	.....	Felony..	Yes....	1 yr....	1 yr..	.....	.....	1 yr....	Yes..	Yes.
Connecticut	Yes..	3 yrs.	Yes....	Felony..	.....	Hab'l..	.....	.....	.....	3 yrs...	Yes..	Yes.
Delaware	Yes..	3 yrs.	Fraud.	Felony..	Yes....	Hab'l..	3 yrs.	18	16	Actual	Yes..	Yes.
District of Columbia	Yes..	2 yrs.	No....	Felony..	Yes....	No.....	.....	16	14	3 yrs..	Yes*.	Yes.
Florida	Yes..	1 yr..	.....	.....	Yes....	Yes....	1 yr..	.....	.....	2 yrs...	Yes..	Yes.
Georgia	Yes..	3 yrs.	Yes....	2 yrs....	Yes....	Hab'l..	.....	17	14	1 yr....	No..	Yes.
Idaho	Yes..	1 yr.	Yes....	Felony..	.....	1 yr....	1 yr..	18	18	6 mos..	Yes..	Yes.
Illinois	Yes..	2 yrs.	Yes....	Felony..	Yes....	2 yrs....	.....	18	16	1 yr....	Yes..	Yes.
Indiana	Yes..	2 yrs.	Yes....	Felony†	Yes....	Hab'l..	2 yrs.	18	16	2 yrs...	Yes..	Yes.
Iowa	Yes..	2 yrs.	Yes....	Felony†.	Yes....	Hab'l..	.....	16	14	1 yr....	Yes..	Yes.
Kansas	Yes..	1 yr..	Yes....	Felony†.	Yes....	Hab'l..	Yes..	15	12	1 yr....	Yes..	Yes.
Kentucky	Yes..	1 yr..	Yes....	Felony..	Yes....	Yes....	1 yr..	14	12	1 yr....	Yes..	Yes.
Louisiana	Yes..	Yes..	Yes....	Felony..	Yes....	Hab'l..	.....	16	14	.....	Yes..	Yes.
Maine	Yes..	3 yrs.	.....	.....	Yes....	Hab'l..	Yes..	.....	.....	1 yr....	Yes..	Yes.
Maryland	.....	3 yrs.	Yes....	.....	Yes....	.....	.....	.....	.....	2 yrs...	Yes..	Yes.
Massachusetts	.....	3 yrs.	Fraud.	5 yrs....	Yes....	Hab'l..	Yes..	.....	.....	3 to 5 y.	Yes..	Yes.
Michigan	.....	2 yrs.	Yes....	3 yrs....	Yes....	Hab'l..	Yes..	18	16	1 to 2 y.	Yes..	Yes.
Minnesota	Yes..	1 yr..	Yes....	Yes†....	Yes....	1 yr....	.....	18	15	1 yr....	Yes..	Yes.
Mississippi	Yes..	2 yrs.	.....	Felony..	Yes....	Hab'l..	.....	.....	.....	1 to 2 y.	Yes..	Yes.
Missouri	Yes..	1 yr..	Yes....	Felony..	Yes....	1 yr....	.....	15	12	1 yr....	Yes..	Yes.
Montana	Yes..	1 yr..	Yes....	Felony..	Yes....	1 yr....	.....	18	16	1 yr....	Yes..	Yes.
Nebraska	Yes .	2 yrs.	Yes....	3 yrs....	Yes....	Hab'l..	Yes..	18	16	6 mos..	Yes..	Yes.
Nevada	Yes..	1 yr..	Yes....	Felony..	Yes....	Hab'l..	1 yr..	18	16	6 mos..	Yes..	Yes.
New Hampshire	Yes..	3 yrs.	Yes....	1 yr....	Yes....	3 yrs..	3 yrs.	14	13	Actual	Yes..	Yes.
New Jersey	Yes..	2 yrs.	Yes....	.....	Yes....	.....	.....	.....	.....	2 to 3 y.	Yes..	Yes.
New Mexico	Yes..	1 yr..	Yes....	Felony..	Yes....	Hab'l..	Yes..	18	15	1 yr....	Yes..	Yes.
New York	Yes..	.....	Force..	.....	Yes....	.....	.....	18	18	1 yr....	Yes..	Yes.
North Carolina	Yes..	2 yrs.	Yes....	Felony..	Yes....	.....	.....	16	14	2 yrs. .	Yes..	Yes.
North Dakota	Yes..	1 yr..	Yes....	Felony..	.....	1 yr. .	1 yr..	18	15	1 yr....	Yes..	Yes.
Ohio	Yes..	3 yrs.	Yes....	Felony..	Yes....	3 yrs..	Yes..	18	16	1 yr. ..	Yes..	Yes.
Oklahoma	Yes..	1 yr..	Yes....	Felony..	Yes....	Hab'l..	Yes..	18	15	1 yr....	Yes..	Yes.
Oregon	Yes..	1 yr..	Yes....	Felony..	Yes....	1 yr....	.....	18	15	1 yr....	Yes .	Yes.
Pennsylvania	Yes..	2 yrs.	Yes....	2 yrs....	Yes....	.....	.....	.....	.....	1 yr....	Yes..	Yes.
Rhode Island	Yes..	5 yrs.	.....	Felony..	Yes....	Hab'l..	Yes..	.....	.....	2 yrs...	Yes..	Yes.
South Carolina‡	.....	.....	Yes....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	Yes..	1 yr.	Yes....	Felony..	Yes....	1 yr....	1 yr..	18	15	1 yr....	Yes..	Yes.
Tennessee	Yes..	2 yrs.	Yes....	Felony..	Yes....	Hab'l†	Yes..	.....	.....	2 yrs...	Yes..	Yes.
Texas	Yes..	3 yrs.	Fraud.	Felony..	.....	Hab'l..	.....	16	14	6 mos..	Yes..	Yes.
Utah	Yes..	1 yr..	Yes....	Felony..	Yes....	Hab'l..	Yes..	16	14	1 yr....	Yes..	Yes.
Vermont	Yes..	3 yrs.	Yes....	3 yrs....	Yes....	.....	Yes..	.....	.....	1 yr....	Yes..	Yes.
Virginia	.....	3 yrs.	Yes....	Yes.....	Yes....	.....	.....	14	12	1 yr....	Yes..	Yes.
Washington	Yes..	1 yr..	Yes....	Yes.....	Yes....	Hab'l..	Yes..	.....	.....	1 yr....	Yes..	Yes.
West Virginia	Yes..	3 yrs.	Yes....	Yes.....	Yes....	.....	.....	18	16	1 yr....	Yes..	Yes.
Wisconsin	Yes..	1 yr..	Yes....	3 yrs....	Yes....	1 yr....	Yes..	18	15	1 yr....	Yes..	Yes.
Wyoming	Yes..	1 yr..	Yes....	Yes.....	Yes....	Hab'l..	1 yr..	18	16	1 yr....	Yes..	Yes.

*Innocent party only. †Subsequent to marriage. ‡South Carolina has no divorce law, but marriages may be annulled.

NOTE—Consanguinity, infidelity and bigamy are causes for divorce in all states having divorce laws. Permanent insanity is cause for divorce in Idaho, Utah and Washington under certain conditions.

CAUSES OF DIVORCES GRANTED, 1867-1906.

Cause.	Granted husband.	Granted wife.
Cruelty	33,178	173,047
Desertion	156,283	211,219
Drunkenness	3,436	33,080
Infidelity	90,800	62,869
Neglect to provide	6	34,664
Combination of preceding causes	14,330	74,519
All other causes	18,026	40,078

FISH FURNITURE STORE FIRE.

Twelve lives were lost in a fire in the Fish Furniture company's store, 1906-1908 Wabash avenue, Chicago, March 25, 1910. The victims, of whom ten were women and two men, were trapped on the sixth floor and eleven were burned to death. One young woman either jumped or fell, struck a canopy in front of the store and was fatally injured, dying on the way to the hospital. The disaster was caused by the explosion of a can of gasoline, from which one of the employes was engaged in filling a number of patent cigar lighters on the fourth floor. There was a fire escape on the rear of the building by which several employes escaped, but there was none in front.

EARTHQUAKE IN SOUTHERN ITALY.

The southern part of Italy and a part of Tuscany and Venetia in the north were shaken by an earthquake about 3 o'clock on the morning of June 7, 1910. Nearly 100 persons were killed and many others were severely injured, while the loss to property was estimated at several million dollars. The largest number of casualties occurred at Calitri, where forty persons were killed and more than 100 injured. Half of the houses were destroyed. Great damage was done throughout the whole of the province of Avellino.

STATISTICS OF CRIME IN THE UNITED STATES.

[From special reports by census bureau.]

June 30, 1904, there were in the United States 1,337 prisons of all kinds receiving persons sentenced for crime. The total number of inmates on the same date was 81,772, or 100.6 per 100,000 of estimated population. Distributed by sex, color, nativity and race they were as follows for the main geographical divisions:

Division and Sex.	Aggregate.	White.				Colored.			
		Total.	Native.	Foreign born.	Unknown	Total.	Negro.	Mongolian.	Indian
North Atlantic—Males	24,882	22,193	15,170	6,994	29	2,689	2,661	15	13
Females	2,507	2,156	1,193	960	3	351	349	.....	2
Total	27,389	24,349	16,363	7,954	32	3,040	3,010	15	15
South Atlantic—Males	10,535	2,758	2,387	163	208	7,777	7,767	1	9
Females	615	101	86	10	5	514	514	.....	.....
Total	11,150	2,859	2,473	173	213	8,291	8,281	1	9
North Central—Males	20,361	16,295	13,562	2,556	177	4,066	3,832	2	231
Females	639	398	309	89	.....	241	236	.....	5
Total	21,000	16,693	13,871	2,645	177	4,307	4,068	3	236
South Central—Males	14,055	4,297	3,839	453	5	9,758	9,752	.....	6
Females	559	42	41	1	.....	517	517	.....	.....
Total	14,614	4,339	3,880	454	5	10,275	10,269	.....	6
Western—Males	7,436	6,737	5,046	1,682	9	690	414	170	115
Females	183	134	97	37	.....	49	45	1	3
Total	7,619	6,871	5,143	1,719	9	748	459	171	118
Continental United States—Males	77,269	52,280	40,004	11,848	428	24,989	24,426	189	374
Females	4,503	2,831	1,726	1,097	8	1,572	1,661	1	10
Total	81,772	55,111	41,730	12,945	436	26,661	26,087	190	38

PRISONERS BY STATES AND TERRITORIES.

State or territory.	No.	Per 100,000 pop.
Maine	496	70.0
New Hampshire	416	97.7
Vermont	274	78.7
Massachusetts	5,684	187.2
Rhode Island	604	130.6
Connecticut	1,125	115.4
New York	9,862	126.7
New Jersey	2,720	131.9
Pennsylvania	6,208	92.3
North Atlantic division	27,389	121.6
Delaware	160	83.6
Maryland	1,867	149.7
District of Columbia	46	15.4
Virginia	1,895	97.9
West Virginia	1,139	109.6
North Carolina	1,185	59.1
South Carolina	1,045	73.7
Georgia	2,579	108.3
Florida	1,234	211.1
South Atlantic division	11,150	100.5
Ohio	3,363	77.2
Indiana	2,138	80.7
Illinois	3,180	60.8
Michigan	1,995	78.3
Wisconsin	1,366	61.5
Minnesota	1,067	55.2
Iowa	1,255	53.1
Missouri	2,793	85.1
North Dakota	303	54.6
South Dakota	245	57.9
Nebraska	519	48.6
Kansas	2,876	193.3
North central division	21,000	75.2
Kentucky	2,221	98.1
Tennessee	1,997	94.0
Alabama	2,068	105.6
Mississippi	1,238	74.7
Louisiana	1,680	112.8
Texas	4,504	133.2
Oklahoma	22	4.2
Arkansas	884	63.8
South central division	14,614	95.7
Montana	571	200.8
Wyoming	230	219.5
Colorado	1,022	172.8
New Mexico	265	126.4
Arizona	318	232.0
Utah	223	73.4
Nevada	129	304.7
Idaho	196	102.3
Washington	911	156.0
Oregon	399	88.1
California	3,355	210.2
Western division	7,619	169.4
Continental United States	81,772	100.6

CLASSIFICATION OF CRIMES.

Against society	17,739
Against the person	26,017
Against property	37,166
Double crimes	126
Unclassified	127
Offense not stated	597

CONVICTED OF HOMICIDE.

Maine	44	6.2
New Hampshire	23	5.4
Vermont	15	4.3
Massachusetts	120	4.0
Rhode Island	24	5.2
Connecticut	74	7.6
New York	472	6.1
New Jersey	121	5.9
Pennsylvania	374	5.6
North Atlantic division	1,267	5.6
Delaware	16	8.4
Maryland	124	9.9
Virginia	261	13.5
West Virginia	263	25.3
North Carolina	263	13.1
South Carolina	340	24.0
Georgia	793	33.4
Florida	304	52.0
South Atlantic division	2,364	21.3
Ohio	300	6.9
Indiana	178	6.7
Illinois	463	8.9
Michigan	173	6.8
Wisconsin	137	6.2
Minnesota	101	5.2
Iowa	116	4.9
Missouri	333	10.1
North Dakota	33	9.9

State or territory.	No.	Per 100,000 pop.
South Dakota	28	6.6
Nebraska	49	4.6
Kansas	441	29.6
North central division	2,352	8.4
Kentucky	560	24.7
Tennessee	376	17.7
Alabama	628	32.1
Mississippi	444	26 8
Louisiana	540	36.3
Texas	995	29.4
Arkansas	200	14.4
South central division	3,743	24.5
Montana	99	34.8
Wyoming	41	39.1
Colorado	137	23.2
New Mexico	88	42.0
Arizona	81	59.1
Utah	18	5.3
Nevada	21	49.6
Idaho	32	16.7
Washington	82	14.0
Oregon	45	9.9
California	404	25.3
Western division	1,048	23.3
Continental United States	10,774	13.3

PRISONERS ACCORDING TO SENTENCE.

Death	133	4 years	2,879
Imprisonment—Life	5,026	3 years	5,457
Indeterminate	12,352	2½ years	902
21 years and over	1,591	2 years	6,313
20 years	1,405	1½ years	1,284
15 to 19 years	2,152	1 year	5,253
10 to 14 years	5,192		
9 years	374	At least 1 year	43,679
8 years	1,190	Under 1 year	20,093
7 years	1,777	Period not stated	499
6 years	1,464	All sentences	81,772
5 years	6,446		

PRISONERS COMMITTED IN 1904.

During 1904 a total of 149,691 prisoners were committed in the United States on term sentences. Assuming that those enumerated on June 30, 1904—namely, 81,772—represent the average number in prisons on any given date, it will be seen that the prison population on a fixed date constitutes about 54.6 per cent of the number committed on term sentences during a year.

Of the prisoners committed in 1904 244 were for homicide, 1,484 for robbery and 7,161 for burglary. The distribution by color, sex, race and nativity was as follows:

	Total.	Male.	Female
White—Native	86,833	80,967	5,866
Native parentage	51,930	48,565	3,365
Foreign parentage	24,448	22,631	1,817
Mixed parentage	5,667	5,212	455
Parentage unknown	4,788	4,559	229
Foreign born	35,093	30,613	4,480
Nativity unknown	3,167	3,090	77
Total white	125,093	114,670	10,423
Colored—Negro	23,698	20,865	2,833
Mongolian	186	183	3
Indian	714	647	67
Total colored	24,598	21,695	2,903
Aggregate	149,691	136,365	13,326

LITERACY.

Of the prisoners committed in 1904 83 per cent were literate and 12.6 per cent illiterate; 1.1 per cent could read but not write and 18.0 per cent could neither read nor write.

FOREIGN-BORN PRISONERS.

Country.	Pct	Country.	Pct.
Austria	2.9	Mexico	1.4
Canada	10.1	Norway	1.4
Denmark	0.6	Poland	3.0
England and Wales	9.2	Russia	3.5
France	1.0	Scotland	3.5
Germany	12.3	Sweden	2.9
Hungary	1.2	Switzerland	0.5
Ireland	36.2	Other countries	4.2
Italy	6.1		

AGES OF PRISONERS COMMITTED IN 1904.

	Total.	Male.	Female
10 to 14 years	695	642	53
15 to 19 years	13,886	12,909	977
20 to 24 years	26,983	24,647	2,336
25 to 29 years	23,278	21,153	2,125
30 to 34 years	19,173	17,245	1,928
35 to 39 years	17,460	15,683	1,777
40 to 44 years	14,260	12,850	1,410
45 to 49 years	10,415	9,471	944
50 to 59 years	12,306	11,335	971
60 to 69 years	5,069	4,614	455
70 years and over	1,072	943	129
All known ages	144,597	131,492	13,105

MARITAL CONDITION.

Of the prisoners committed in 1904 63.9 per cent were single, 26.1 married, 4.1 widowed, 0.5 divorced and 5.3 unknown. Of the male prisoners 66.3 per cent were single and 24.2 per cent married, while of the female prisoners 39.1 per cent were single and 46.2 per cent married.

OCCUPATION.

Occupations.	Pct.
Professional	0.9
Clerical and official	2.1
Mercantile and trading	2.6
Public entertainment	0.7
Personal service, police and military	1.8
Laboring and servant	50.1
Manufacturing and mechanical industry	23.7
Agriculture, transportation and other outdoor	17.2
All other occupations	0.9

JUVENILE DELINQUENTS ENUMERATED JUNE 30, 1904.

	Total.	Male.	Female
White—Native	17,989	14,130	3,859
Foreign born	1,874	1,562	312
Nativity unknown	9	3	6
Total white	19,872	15,695	4,177
Colored—Negro	3,112	2,433	679
Mongolian	2	2	....
Indian	48	47	1
Total colored	3,162	2,482	680
Aggregate	23,034	18,177	4,857

JUVENILE DELINQUENTS COMMITTED DURING 1904.

	Total.	Male.	Female
White—Native	9,061	7,776	1,285
Native parentage	4,440	3,812	628
Foreign parentage	2,947	2,659	288
Mixed parentage	1,145	969	176
Parentage unknown	529	336	193
Foreign born	1,116	1,020	96
Nativity unknown	61	39	22
Total white	10,238	8,835	1,403
Colored—Negro	1,550	1,294	256
Mongolian	2	2	....
Indian	24	23	1
Total colored	1,576	1,319	257
Aggregate	11,814	10,154	1,660

DEATH PENALTY IN THE UNITED STATES.

Capital punishment prevails in all of the states and territories of the union except Michigan, Wisconsin, Rhode Island, Kansas and Maine. It was abolished in Iowa in 1872 and restored in 1878. It was also abolished in Colorado, but was restored in 1901. In New York and Ohio execution is by electricity.

STATE PRISONS IN THE UNITED STATES.

Alabama—Wetumpka.
Alaska—Sitka (U. S. jail).
Arizona—Florence.
Arkansas—Little Rock.
California—Folsom.
San Quentin.
Colorado—Canon City.
Connecticut—Weathersfield.
Delaware—Wilmington (workhouse).
District of Columbia—U. S. jail.
Florida—Tallahassee (commission).
Georgia—Atlanta (commission).
Illinois—Joliet, Chester.
Idaho—Boise.
Indiana—Michigan City.
Indianapolis (women.)
Iowa—Fort Madison, Anamosa.
Kansas—Lansing.
Kentucky—Frankfort.
Eddyville (branch).
Louisiana—Baton Rouge.
Maine—Thomaston.
Maryland—Baltimore.
Massachusetts—Charlestown.
Bridgewater.
South Framingham (women).
Michigan—Jackson.
Marquette (branch).
Minnesota—Stillwater.
Mississippi—Jackson (commission).
Missouri—Jefferson City.
Montana—Deer Lodge.
Nebraska—Lincoln.
Nevada—Carson City.
New Hampshire—Concord.
New Mexico—Santa Fe.
New Jersey—Trenton.
New York—Auburn.
Dannemora (Clinton).
Sing Sing (Ossining).
North Carolina—Raleigh.
North Dakota—Bismarck.
Ohio—Columbus.
Oklahoma—McAlester.
Oregon—Salem.
Pennsylvania—Philadelphia.
Allegheny (Pittsburg).
Rhode Island—Howard.
South Carolina—Columbia.
South Dakota—Sioux Falls.
Tennessee—Nashville.
Petros (branch).
Texas—Huntsville.
Rusk.
Utah—Salt Lake City.
Vermont—Windsor.
Virginia—Richmond.
Washington—Walla Walla.
West Virginia—Moundsville.
Wisconsin—Waupun.
Wyoming—Rawlins.

UNITED STATES PRISONS.

Atlanta, Ga.—Penitentiary.
Fort Leavenworth, Kas.—Penitentiary.
McNeil's Island, Wash.—Penitentiary.
Mare Island, Cal.—Naval prison.
Boston, Mass.—Naval prison.
Portsmouth, N. H.—Naval prison.

THE AMERICAN PRISON ASSOCIATION.

President—T. B. Patton, Huntingdon, Pa.
General secretary—Joseph P. Byers, box 15, station L, New York, N. Y.
Treasurer—Frederick H. Mills, 97 Warren street, New York, N. Y.

BENEVOLENT INSTITUTIONS IN THE UNITED STATES (1904).

STATE OR TERRITORY.	Orphanages.	Hospitals.	Permanent homes.	Temporary homes.	For deaf and blind	Nurseries	Dispensaries.
Alabama	8	9	4	1	3	....	....
Arizona	....	10	....	1	....	....	....
Arkansas	5	15	5	2	2	....	....
California	47	50	27	15	3	1	10
Colorado	10	32	3	8	1	3	2
Connecticut	21	21	23	9	4	5	3
Delaware	6	3	6	1	....	....	....
District of Columbia	12	13	12	12	2	3	3
Florida	7	17	6	1	1	1	....
Georgia	22	17	10	6	2	2	....
Idaho	....	6	1	....	....	....	....
Illinois	63	105	42	22	5	6	14
Indian Territory	3	2	1	....	1	....	....
Indiana	50	81	19	8	2	2	5
Iowa	12	41	14	10	2	2	2
Kansas	14	23	7	4	2	....	....
Kentucky	26	29	14	11	2	....	....
Louisiana	25	10	13	4	3	1	....
Maine	10	12	14	6	1	....	....
Maryland	38	32	19	11	4	3	10
Massachusetts	52	93	73	47	7	20	13
Michigan	23	59	20	6	3	....	6
Minnesota	16	44	10	8	2	3	3
Mississippi	6	6	1	2	2	....	....
Missouri	31	55	22	14	5	5	8
Montana	2	16	2	2	1	....	....
Nebraska	7	17	5	4	2	1	....
Nevada	1	....	....	....	....	....	....
New Hampshire	15	19	13	3	....	....	....
New Jersey	48	48	32	17	2	13	4
New Mexico	2	11	....	....	....	....	....
New York	147	194	118	82	16	62	40
North Carolina	15	21	4	4	2	1	1
North Dakota	2	8	1	2	1	....	....
Ohio	105	74	41	27	5	8	7
Oklahoma	3	1	....	1	1	....	....
Oregon	5	6	4	4	2	....	1
Pennsylvania	94	145	84	45	8	18	15
Rhode Island	12	9	8	5	1	3	3
South Carolina	9	8	5	2	1	....	2
South Dakota	2	8	1	....	2	....	....
Tennessee	18	13	8	6	2	1	1
Texas	17	31	12	12	3	....	1
Utah	3	7	....	1	1	....	....
Vermont	5	9	8	1	....	....	....
Virginia	27	19	21	6	1	1	2
Washington	9	28	4	5	1	....	....
West Virginia	7	20	2	2	1	1	....
Wisconsin	15	43	13	9	3	....	....
Wyoming	....	5	1	....	....	....	....
Total	1075	1493	753	449	115	166	156

The cost of maintenance by classes of all institutions included in the above table was in 1903: Orphanages, $10,050,587; hospitals, $28,200,869; permanent homes, $9,916,180; temporary homes, $3,039,035; institutions for deaf and blind, $3,523,683; nurseries, $327,659; dispensaries, $519,620; total, $55,577,633.

PORK-PACKING STATISTICS.

Season from Nov. 1 to March 1.

CITY.	1908-09	1907-08	1906-07	1905-06	1904-05	1903-04	1902-03	1901-02	1900-01	1899-00
	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs	No. hogs
Chicago	2,640,765	2,570,475	2,493,739	2,592,866	2,812,588	2,925,960	2,952,193	3,433,905	2,970,095	2,869,580
Cincinnati	245,323	297,472	226,988	255,167	268,269	247,947	220,617	232,882	244,932	270,460
Indianapolis	703,235	747,074	540,486	600,423	516,230	479,380	359,454	476,568	434,250	410,709
Kansas City	1,520,481	1,365,221	1,135,931	1,202,736	1,231,408	861,674	743,854	1,271,686	1,178,320	959,934
Louisville	96,606	83,647	69,381	154,767	184,446	126,251	143,815	150,000	143,982	132,279
*Milwaukee	583,338	684,060	453,463	467,407	394,425	423,024	295,407	322,169	396,298	339,016
Omaha	700,772	742,734	687,274	800,470	738,131	746,596	777,941	938,787	786,156	729,073
St. Louis	884,957	706,029	656,636	680,132	761,982	627,550	503,823	642,030	667,000	613,653

*Includes Cudahy.

UNITED STATES MORTALITY STATISTICS.

[From census bureau report, 1910.]

Deaths per 1,000 of population in the registration areas of the United States:

	Annual av. 1901 to 1905.	1904.	1905.	1906.	1907.	1908.
Registration area	16.3	16.6	16.2	16.1	16.5	15.4
Registration cities	17.2	17.5	16.9	17.2	17.6	16.2
Registration states	15.9	16.4	15.9	16.1	16.4	15.3
Cities in registration states	17.4	17.9	17.2	17.8	18.0	16.5
Rural part of registration states	14.1	14.4	14.3	14.1	14.5	14.0
Registration cities in other states	16.9	17.1	16.6	15.9	16.6	15.5

The registration area includes seventeen states and the District of Columbia, containing 51.8 per cent of the total estimated population of continental United States. The total number of deaths reported in this area in 1908 was 691,574. The estimated population of the area was 45,028,767 and the death rate was consequently 15.4 per 1,000 of population.

PROPORTIONAL DEATHS BY SEXES AND AGES.

Per 1,000 deaths.

	Annual av. 1901 to 1905.	1904.	1905.	1906.	1907.	1908.
Male	536.2	537.3	536.9	544.4	547.3	543.0
Female	463.8	462.7	463.1	455.6	452.7	457.0
Under 1 year	189.3	186.6	193.5	202.3	190.8	197.3
1 year	42.2	40.4	40.3	43.9	40.1	40.2
2 years	18.9	17.7	17.7	18.5	17.5	18.0
3 years	12.0	11.5	10.0	11.3	11.1	11.2
4 years	8.9	8.5	7.9	8.2	7.9	7.9
Under 5	271.3	264.6	270.2	284.1	267.5	274.5
5 to 9	25.8	25.0	23.5	23.3	22.3	22.9
10 to 14	16.4	17.0	16.2	15.9	15.3	15.3
15 to 19	27.4	28.1	27.4	27.2	26.7	26.2
20 to 24	42.0	42.1	41.4	40.7	40.6	39.2
25 to 29	46.1	46.0	44.8	43.5	42.8	41.4
30 to 34	45.6	45.8	44.9	43.3	43.9	42.0
35 to 39	47.8	48.0	48.2	46.8	47.8	45.1
40 to 44	46.7	46.8	46.1	44.2	45.5	44.2
45 to 49	45.4	46.2	47.6	46.7	47.5	47.3
50 to 54	43.5	49.3	48.9	47.4	48.9	49.3
55 to 59	49.2	49.6	49.6	48.6	50.0	50.2
60 to 64	55.7	57.0	56.9	54.9	57.2	57.0
65 to 69	57.4	57.5	58.7	57.8	60.4	60.0
70 to 74	56.9	58.4	57.5	57.2	60.1	59.7
75 to 79	49.9	50.2	51.2	50.9	53.0	54.1
80 to 84	36.7	37.1	36.5	36.5	39.0	39.4
85 to 89	18.8	19.3	19.9	19.9	20.9	21.4
90 to 94	6.6	6.9	6.6	6.4	6.8	7.1
95 and over	2.1	2.0	2.1	2.1	2.0	2.2
Unknown	3.4	3.2	1.9	2.7	1.8	1.3

CHIEF CAUSES OF DEATH IN THE UNITED STATES.

Per 100,000 of population.

Diseases.	Annual av. 1901 to 1905.	1904.	1905.	1906.	1907.	1908.
Diabetes	11.6	12.9	13.0	13.0	13.9	13.9
Old age	41.2	39.0	36.4	34.3	32.7	30.7
Bronchitis	37.0	36.0	33.5	30.3	30.9	26.9
Convulsions	22.6	20.5	19.8	18.1	16.9	14.3
Paralysis	20.2	19.4	17.7	16.9	19.5	16.8
Peritonitis	10.9	10.1	9.2	8.2	7.5	6.6
Tuberculosis	169.9	177.3	168.2	159.4	158.9	149.6
Pneumonia	126.2	135.7	115.7	110.8	120.8	98.8
Heart disease	124.9	134.2	132.5	130.7	141.7	133.3
Diarrhea, enteritis	109.8	111.3	116.7	122.9	116.7	116.0
Bright's disease	97.5	103.8	104.3	99.8	105.5	97.3
Apoplexy	70.0	71.9	72.2	71.8	75.4	72.1
Cancer	68.3	70.6	72.1	70.8	73.1	74.3
Broncho-pneumonia	33.1	36.9	34.4	38.2	40.4	37.2
Typhoid fever	32.2	31.9	28.1	32.1	30.3	25.3
Meningitis	31.9	31.8	34.5	25.6	26.6	19.8
Premature birth	30.9	34.3	32.9	34.8	36.5	36.5
Diphtheria, croup	29.7	28.5	23.8	26.3	24.3	22.3
Congenital debility	23.3	20.7	31.5	34.2	33.8	32.1
Influenza	20.0	20.3	19.0	10.5	24.1	22.2
Cirrhosis of liver	14.4	15.1	14.8	14.8	15.8	14.9
Lack of care	12.4	14.5	3.0	0.9	0.3	0.3
Gastritis	11.4	11.2	10.6	10.4	9.8	9.2
Endocarditis	11.3	11.7	12.6	12.9	14.3	13.3
Scarlet fever	11.1	10.9	6.8	7.9	10.3	12.4
Appendicitis	11.0	11.9	12.0	11.4	11.2	11.7
Whooping cough	11.0	6.6	10.7	15.4	11.6	11.0

DEATHS FROM VIOLENCE IN THE UNITED STATES.

Per 100,900 population in registration area.

Cause.	Annual av. 1901 to 1905.	1904.	1905.	1906.	1907.	1908.
Suicide	14.0	14.8	16.1	14.3	16.2	18.5
Fractures	8.4	8.7	7.4	7.5	4.6	‡
Dislocations	0.2	0.1	0.1	0.1	0.1	8.2
Burns and scalds	8.3	8.3	8.4	8.7	9.4	‡
Heat, sunstroke	3.7	0.7	2.6	1.9	1.4	1.8
Cold, freezing	0.6	0.7	0.7	0.5	0.7	0.5
Lightning	0.3	0.2	0.2	0.4	0.3	0.4
Drowning	10.3	10.2	10.0	10.7	10.3	10.4
Gas poisoning	4.3	6.5	3.9	3.1	4.0	3.7
Other poisoning	4.3	4.9	3.8	4.2	4.1	3.7
Gunshot accidents	3.4	3.9	2.4	2.6	2.1	2.2
Injuries by machinery	0.9	1.0	1.0	1.4	2.6	2.0
Injuries in mines	1.0	1.0	1.5	3.7	5.1	4.3
Railroad accidents	15.3	15.3	17.0	17.3	18.4	13.5
Street-car accidents	*	*	*	3.6	4.5	3.8
Injuries by vehicles	2.6	2.9	3.5	3.7	4.3	4.3
Automobile accidents	†	†	†	0.4	0.7	0.9
Suffocation	1.6	1.7	1.6	1.8	1.7	1.6
Injuries at birth	5.0	5.7	6.4	6.2	6.7	6.9
Homicide	2.9	2.8	4.6	5.1	6.5	6.7
Other ext'nal violence	5.1	4.7	3.8	3.7	2.5	1.9
Starvation, privation	0.1	0.1	0.1	0.1	0.1	0.1
All violence	107.3	110.6	111.9	120.9	125.8	116.4

*Included in railroad accidents. †Not reported separately. ‡Less than one-tenth.

DEATH RATE IN AMERICAN CITIES.

Per 1,000 of population.

	Annual av. 1901 to 1905.	1903.	1904.	1905.	1906.	1907.	1908.
Boston	18.8	18.3	18.3	18.5	18.9	19.2	19.1
Buffalo	15.5	16.0	16.0	15.6	16.6	17.1	15.9
Chicago	14.3	15.3	13.8	13.8	14.2	15.3	14.0
Cincinnati	19.3	18.8	20.8	19.2	20.8	18.5	18.5
Cleveland	15.5	16.6	15.4	14.7	16.0	16.2	14.2
Denver	19.3	18.4	19.6	19.2	21.1	23.5	23.6
Detroit	15.2	15.8	14.9	14.4	17.0	16.5	15.6
Fall River	20.3	22.2	19.6	19.9	19.7	22.5	22.1
Indianapolis	15.2	15.8	16.3	14.1	14.6	15.2	13.5
Jersey City	19.3	18.7	20.8	19.0	19.5	19.5	17.8
Kansas City	17.2	17.4	19.7	16.9	15.3	18.0	16.8
Louisville	18.6	18.6	19.8	18.1	18.2	18.1	16.0
Memphis	18.3	17.8	19.5	17.9	17.6	19.0	17.5
Milwaukee	13.2	13.5	13.6	13.0	14.5	14.4	13.6
Minneapolis	10.2	10.4	9.6	9.4	10.3	10.4	10.3
New Haven	17.5	17.0	17.2	18.7	19.1	18.6	16.9
New Orleans	22.6	22.3	22.3	23.7	21.7	24.0	22.7
New York	19.0	18.0	20.1	18.4	18.6	18.7	16.8
Omaha	11.1	9.7	11.5	10.8	11.4	12.4	12.1
Philadelphia	18.2	18.8	18.8	17.7	19.3	18.7	17.4
Pittsburg	20.7	21.7	19.8	20.0	19.9	19.2	16.5
Providence	18.8	20.6	18.5	17.5	18.7	19.3	16.8
St. Louis	17.8	18.2	18.8	16.9	15.6	15.7	14.5
St. Paul	10.0	9.7	10.0	10.0	10.3	10.6	10.1
San Francisco		21.3	20.8	20.1	....	....	....
Scranton	16.3	14.9	17.9	18.2	16.5	15.9	16.5
Seattle		12.1	12.6	11.5	....	....	....
Syracuse	14.5	14.3	15.2	15.5	15.5	15.9	16.5
Toledo	14.1	14.7	13.7	13.7	14.7	14.7	14.9
Washington	20.6	20.3	20.8	20.5	20.5	20.3	19.3

DEATH RATES IN VARIOUS COUNTRIES.

Number of deaths from all causes per 1,000 of population.

Country.	Annual av. 1901 to 1905.	1903.	1904.	1905.	1906.	1907
Australasia	11.4	11.8	10.8	10.5	10.6	10.9
Austria	24.1	23.8	23.7	25.0	†	†
Belgium	17.1	17.0	16.9	16.5	16.4	†
Bulgaria	22.9	22.9	21.4	22.0	22.5	†
Ceylon	26.7	25.9	24.9	27.7	34.3	30.1
Chile	30.0	26.9	28.8	32.3	†	†
Denmark	14.8	14.7	14.1	15.0	13.5	14.2
Finland	18.6	17.9	17.7	18.4	17.5	†
France	19.6	19.2	19.4	19.6	19.9	20.6
Germany	19.9	20.0	19.6	19.8*	18.2	†
Prussia	19.6	19.7	19.2	19.6	17.9	17.8
Hungary	26.2	26.1	24.8	27.8	24.8	25.2
Italy	21.8	22.2	20.9	21.9	20.8	20.8
Jamaica	22.6	24.6	24.7	21.9	26.2	28.4
Japan	20.4	20.0	*21.2	*21.9	†	†
Netherlands	16.0	15.6	15.9	15.3	14.8	14.6
Norway	14.5	14.8	14.3	14.8	13.6	*14.2

Country.	Annual av. 1901 to 1905.	1903.	1904.	1905.	1906.	1907.
Roumania	25.5	24.8	24.4	25.0	23.9	26.3
Servia	22.4	23.5	21.1	24.4	24.1	†
Spain	26.1	*25.0	*25.8	*25.9	*26.2	*24.0
Sweden	15.5	15.1	*15.3	*15.6	*14.4	*14.6
Switzerland	17.7	17.6	17.8	17.9	17.0	†
United kingdom	16.3	15.8	16.5	15.5	15.6	*15.4

Country.	Annual av. 1901 to 1905.	1903.	1904.	1905.	1906.	1907.
England and Wales	16.0	15.4	16.2	15.2	14.4	15.0
Scotland	16.9	16.6	16.9	15.9	*16.0	*16.2
Ireland	17.6	17.5	18.1	17.1	17.0	17.7
United States	16.3	16.1	16.6	16.2	16.1	16.5

*Based on provisional figures. †No figures available.

DEATHS FROM TUBERCULOSIS.

"Tuberculosis is easily the first in importance among all the causes of death and far exceeds in its mortality any other of the infectious diseases with whose prevention and restriction public health services are concerned." (Extract from United States census report, 1909).

NUMBER OF DEATHS.*

Form of disease.	Annual average. 1901 to 1905.	1903.	1904.	1905.	1906.	1907.	1908.
Tuberculosis of lungs	55,251	53,910	58,763	56,770	65,341	66,374	67,376
Tuberculous meningitis	2,905	2,905	3,025	3,264	3,938	4,062	4,218
Abdominal tuberculosis	1,946	1,854	2,098	2,193	2,663	2,629	2,723
Other forms of tuberculosis	2,733	2,818	2,911	3,125	3,570	3,585	*3,972
Tuberculosis (all forms)	62,835	61,487	66,797	65,352	75,512	76,650	78,289

NUMBER PER 100,000 OF POPULATION.*

Tuberculosis of lungs	169.9	165.7	177.3	168.2	159.4	158.9	149.6
Tuberculous meningitis	8.9	8.9	9.1	9.7	9.6	9.7	9.4
Abdominal tuberculosis	6.0	5.7	6.3	6.5	6.5	6.3	6.0
Other forms of tuberculosis	8.3	8.7	8.7	9.3	8.8	8.7	8.9
Tuberculosis (all forms)	193.2	189.0	201.6	193.6	184.2	183.6	173.9

*In registration area.

DEATHS BY STATES AND CITIES.

The mortality from all forms of tuberculosis, according to the returns for 1908, is shown in the following table of deaths per 100,000 of population:

Registration area	173.9
Registration cities	197.4
Registration states	169.2
Cities in registration states	198.3
Rural part registr'n states	136.6
Registr'n cities, other states	195.5
Registration states:	
California	271.2
Colorado	300.7
Connecticut	156.7
Indiana	162.8
Maine	154.5
Maryland	197.2
Massachusetts	172.2
Michigan	102.5
New Hampshire	129.7
New Jersey	187.0
New York	194.7
Pennsylvania	143.1
Rhode Island	206.5
South Dakota	102.0
Vermont	132.7
Washington	167.3
Wisconsin	107.9
Registration cities (largest):	
Baltimore	249.9
Boston	219.1
Chicago	180.7
Cincinnati	284.8
Cleveland	142.4
Denver	511.8
Detroit	122.5
Indianapolis	222.6
Jersey City	241.1
Kansas City	172.9
Louisville	205.5
Milwaukee	133.9
Minneapolis	121.7
New Orleans	298.3
New York	234.4
Omaha	108.9
Philadelphia	234.1
Pittsburg	139.2
St. Louis	188.3
St. Paul	111.8
San Francisco	*
Scranton	100.8
Toledo	155.9
Washington	264.0

*Population not estimated

BIRTH RATE IN THE UNITED STATES.

Per 1,000 population with average annual excess of births over deaths per 1,000 mean population, 1890-1900. From census report.

State.	Birth rate 1890.	Excess of births.	Birth rate 1900.
Connecticut	21.3	9.3	24.0
Maine	17.6	2.1	21.1
Massachusetts	21.5	12.5	24.0
New Hampshire	18.0	0.7	21.3
New York	23.3	13.6	24.2
Rhode Island	22.3	11.4	24.3
Vermont	18.3	*1.5	21.3
Northeast'n div.	21.1	17.7	23.8
Illinois	27.8	20.8	25.5
Indiana	25.4	14.5	24.9
Iowa	26.3	23.0	25.8
Kansas	28.5	20.4	25.8
Michigan	24.9	18.9	24.3
Minnesota	30.2	26.2	28.7
Missouri	29.0	19.9	26.0
Nebraska	29.9	22.6	27.2
New Jersey	25.3	15.1	25.8
North Dakota	36.5	27.3	33.6
Ohio	24.2	12.4	23.1
Pennsylvania	25.8	14.9	26.9
South Dakota	31.8	24.3	30.8
Wisconsin	27.1	12.8	27.4
N'th'n-Cent. div.	26.8	18.4	25.9
Alabama	30.6	23.7	32.1
Arkansas	34.3	25.5	32.4
Delaware	25.0	10.6	24.7
Dist. Columbia	23.3	11.0	20.3
Florida	28.7	22.3	30.9
Georgia	30.6	20.7	32.1
Kentucky	29.6	16.8	30.6
Louisiana	29.8	22.3	30.5
Maryland	26.0	12.9	26.3
Mississippi	30.3	23.5	31.2
North Carolina	30.1	16.0	33.7
Oklahoma	22.1	23.3	33.7
South Carolina	31.3	15.7	34.3
Tennessee	30.8	15.2	30.7
Texas	31.6	30.1	32.9
Virginia	27.2	7.0	30.3
West Virginia	30.7	28.4	32.3
Southern div.	30.1	19.8	31.5
Arizona	17.2	12.3	26.9
California	19.6	15.3	18.3
Colorado	25.6	20.4	23.9
Idaho	26.6	25.8	30.4
Montana	21.8	20.7	24.4
Nevada	15.5	15.3	18.9
New Mexico	33.0	14.7	33.6
Oregon	22.6	18.1	20.4
Utah	31.2	31.8	35.2
Washington	23.8	20.8	22.0
Wyoming	21.7	21.1	24.2
Western div.	22.9	18.7	22.8
United States†	26.9	17.7	27.2

*Decrease. †Inclusive of Indian Territory, not separately stated.

NOTE—Owing to imperfect data the above figures are only approximately correct, but being based on the same method of enumeration they are of some value for comparative purposes. The true annual birth rate for the whole of the United States, as shown by the natural increase of population between 1890 and 1900, is within 2 per cent either way of 35.1 per 1,000 of mean population.

DEATH RATE IN 1909.

Per 1,000.

United States	15.0	Detroit	14.0
Baltimore	18.7	Fall River	19.1
Boston	16.8	Indianapolis	14.3
Buffalo	15.2	Jersey City	16.8
Chicago	14.6	Kansas City	14.4
Cincinnati	16.4	Milwaukee	13.6
Cleveland	12.8	Newark	16.5
Columbus	13.4	New Haven	16.9
Denver	17.0	New Orleans	20.2
New York	16.0	Providence	16.1
Bronx borough	15.9	Rochester	14.4
Brooklyn borough	15.4	St. Louis	15.8
Manhattan borough	16.6	St. Paul	11.4
Queen's borough	14.2	Scranton	16.3
Richmond borough	18.1	St. Joseph	13.7
Paterson	15.3	Syracuse	14.5
Philadelphia	16.4	Toledo	14.6
Pittsburg	15.8	Worcester	15.5

BIRTH RATE IN FOREIGN COUNTRIES.

Per 1,000 of population. By ten-year periods.

Country.	1881-1890.	1891-1900.	Country.	1881-1890.	1891-1900.	Country.	1881-1890.	1891-1900.
England and Wales	32.5	29.9	Hungary	44.0	40.6	Belgium	30.2	29.0
Scotland	32.5	30.2	Switzerland	28.1	28.1	France	23.9	22.2
Ireland	23.4	23.0	Germany	36.8	36.1	Portugal	33.0	30.6
Denmark	32.0	30.2	Prussia	37.4	36.7	Spain	36.4	35.3
Norway	30.8	30.3	Bavaria	36.8	36.5	Italy	37.8	34.9
Sweden	29.0	27.2	Saxony	41.8	39.5	Servia	45.0	41.7
Finland	34.9	32.2	Netherlands	34.2	32.5	Roumania	41.4	40.7
Austria	37.9	37.1						

DEATHS AND BIRTHS BY DIVISIONS OF TIME.

Assuming that the total population of the world is 1,600,000,000 and the average annual death rate 20 per 1,000 of population, the total number of deaths in a year is about 32,000,000. This is at the rate of 87,671 per day, 3,653 per hour, 61 per minute and 1 per second.

As the population of the world increases by about 7,000,000 per year, the total births must be that number in excess of the deaths, or about 39,000,000. This is at the rate of 106,849 births per day, 4,452 per hour, 74 per minute and 1.2 per second.

Assuming that the population of the United States is 87,000,000 and the death rate 16 per 1,000, the total number of deaths in a year is 1,392,000. This is at the rate of 3,814 per day, 159 per hour and 2.6 per minute. With a birth rate of 34 per 1,000, the total number of births in a year in the United States will approximate 2,958,000, or at the rate of 8,104 per day, 338 per hour and 5.6 per minute.

MORTALITY OF WAGE EARNERS.

Death rate per 1,000 employes in certain occupations in the United States in 1900.

Manufacturing and mechanical industries.	Tuberculosis of lungs.	Diseases of nervous system.	Heart disease.	Pneumonia.	Diseases of urinary organs.	Accidents and injuries.	All causes
Bakers and confectioners	2.50	1.61	1.02	1.17	1.46	.61	12.3
Blacksmiths	2.13	2.99	1.90	1.69	1.90	1.00	18.3
Boot and shoe makers	1.36	1.50	1.46	.95	.79	.33	9.4
Brewers, distillers and rectifiers	2.57	2.74	2.23	2.40	2.57	1.37	19.7
Butchers	2.88	2.30	1.78	1.73	1.36	.81	16.1
Cabinetmakers and upholsterers	3.59	2.22	1.61	1.74	1.57	.65	18.0
Carpenters and joiners	2.31	2.45	2.24	1.46	1.74	1.18	17.2
Cigarmakers and tobacco workers	4.77	1.80	1.76	2.15	1.68	.70	18.7
Compositors, printers and pressmen	4.36	1.31	.94	1.16	.94	.50	12.1
Coopers	3.00	2.90	2.72	2.09	3.09	1.36	23.8
Engineers and firemen (not locomotive)	2 30	2.09	1.81	1.78	1.67	1.84	15.7
Iron and steel workers	2.36	.92	1.02	1.82	.77	.79	10.7
Leather makers	3.11	1.02	1.26	1.32	.84	.60	12.3
Leather workers	2.27	2.68	2.11	.97	2.27	.97	17.5
Machinists	1.96	1.24	1.04	1.10	.98	.71	10.5
Marble and stone cutters	5.41	1.10	1.60	1.37	.84	.99	14.9
Masons (brick and stone)	2.94	2.27	2.32	2.30	1.83	1.58	19.9
Mill and factory operatives (textiles)	2.08	.84	.91	.81	.57	.76	8.8
Millers (flour and grist)	1.99	4.47	3.81	2.98	2.48	1.98	26.6
Painters, glaziers and varnishers	3.19	2.14	1.70	1.54	1.83	1.28	16.2
Plumbers and gas and steam fitters	2.94	.91	.60	1.13	.88	.76	9.1
Tailors	2.18	1.43	1.29	1.13	1.38	.51	11.8
Tinners and tinware makers	3.65	1.78	1.27	1.37	1.32	.91	14.5
Agriculture, transportation and other outdoor classes.							
Draymen, hackmen, teamsters, etc	2.61	.90	.95	1.48	.90	1.34	11.0
Farmers, planters and farm laborers	1.12	2.71	2.63	1.49	1.71	.84	17.6
Miners and quarrymen	1.21	.39	.57	.77	.49	3.78	9.6
Steam railroad employes	1.30	.96	.89	.60	.65	4.10	10.8

MINERS KILLED IN THE UNITED STATES.

1890	701	1895	1,057	1900	1,493
1891	1,076	1896	1,120	1901	1,594
1892	939	1897	947	1902	1,828
1893	965	1898	1,049	1903	1,794
1894	957	1899	1,243	1904	1,999
1905	2,097				
1906	2,061				
1907	3,125				
1908	2,450				
1909	2,412				

EARTHQUAKE IN CARTAGO, COSTA RICA.

Fifteen hundred persons were killed and many others injured by an earthquake in Cartago, Costa Rica, Wednesday, May 5, 1910. The heaviest shock occurred at 7 o'clock in the evening, and no one had time to escape into the streets. Railroad and telegraph lines were broken and the electric lights fell, leaving the city in darkness. Every house and building in the city was destroyed, including four churches and the palace of the American peace court, the gift of Andrew Carnegie. No medical aid could be obtained until the following day and great suffering was the result. It was the severest disaster of the kind in the history of Costa Rica.

AGRICULTURAL STATISTICS.

WHEAT CROP OF COUNTRIES NAMED (1903-1909).

COUNTRY.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
United States	637,822,000	552,400,000	692,979,000	735,261,000	634,087,000	664,602.000	737,189,000
Canada:							
New Brunswick	471.000	371,000	405,000	407,000	411,000	349,000	395,000
Ontario	22,583,000	13,030,000	21,517,000	22,109,000	18,019,000	18,057,000	16,262,000
Manitoba	41,381,000	40,397,000	55,761,000	61,250,000	39,688,000	50,269,000	52,706,000
Saskatchewan	15,598,000	16,447,000	26,107,000	37,040,000	27,692,000	34,742,000	85,197,000
Alberta	1,238,000	968,000	2,307,000	3,966,000	4,194,000	6,842,000	9,579,000
Other	4,000,000	3,000,000	3,000,000	3,000,000	2,687,000	2,175,000	2,605,000
Total Canada	85,271,000	74,213,000	109,097,000	127,772,000	92,691,000	112,434,000	166,744,000
Mexico	10,493,000	9,393,000	9,710,000	8,000,000	9,000,000	8,000,000	8,000,000
Total North America	733,586,000	636,006,000	811,786,000	871,033,000	735,778,000	785,036,000	911,933,000
Argentina	103,759,000	129,672,000	150,745,000	134,931,000	155,993,000	192,489,000	161,672 000
Chile	10,114,000	17,948,000	12,089,000	12,157,000	15,776,000	18,915,000	20,000,000
Uruguay	5,240,000	7,000,000	7,565,000	4,606,000	6,867,000	7,430,000	8,000,000
Total South America	119,113,000	154,620,000	170,399,000	151,694,000	178,636,000	218,834,000	189,672,000
Austria-Hungary:							
Austria	46,198,000	53,734,000	54,531,000	58,255,000	52,369,000	62,129,000	58,468,000
Hungary proper	161,958,000	137,078,000	157,514,000	197,409,000	120,509,000	152,205,000	113,352,000
Croatia-Slavonia	14,664,000	9,841,000	13,077,000	10,351,000	10,170,000	13,220,000	11,662,000
Bosnia-Herzegovina	3,901,000	3,753,000	3,016,000	2,693,000	2,169,000	3,023,000	2,594,000
Total Austria-Hungary	226,721,000	204,406,000	228,138,000	268,708,000	185,217,000	230,577,000	186,076,000
Belgium	12,350,000	13,817,000	12,401,000	12,964,000	15,835,000	13,963,000	15,506,000
Bulgaria	35,551,000	42,242,000	34,949,000	39,109,000	23,545,000	36,496,000	37,000,000
Denmark	4,461,000	4,302,000	4,067,000	4,161,000	4,343,000	4,318,000	4,000,000
Finland	130,000	133,000	129,000	150,000	135,000	135,000	135,000
France	364,320,000	298,826,000	335,453,000	324,919,000	376,999,000	317,765,000	356,574,000
Germany	130,626,000	139,803,000	135,947,000	144,754,000	127,843,000	138,442,000	138,000,000
Greece	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000
Italy	184,451,000	167,635,000	160,504,000	176,464,000	177,543,000	152,236,000	164,587,000
Montenegro	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Netherlands	4,258,000	4,423,000	5,078,000	4,942,000	5,325,000	5,121,000	5,000,000
Norway	307,000	212,000	329,000	303,000	290,000	333,000	316,000
Portugal	8,000,000	9,000,000	5,000,000	9,000,000	6,000,000	5,000,000	5,000,000
Roumania	73,700,000	53,738,000	103,328,000	113,867,000	42,257,000	54,813,000	56,751,000
Russia:							
Russia proper	454,596,000	519,964,000	451,327,000	344,765,000	340,416,000	383,016,000	
Poland	19,255,000	21,241,000	20,239,000	21,152,000	18,173,000	21,182,000	
Northern Caucasia	77,877,000	81,050,000	96,708,000	85,046,000	79,184,000	84,964,000	
Total Russia (European)	551,728,000	622,255,000	568,274,000	450,963,000	437,773,000	489,162,000	711,479,000
Servia	10,885,000	11,676,000	11,280,000	13,211,000	8,375,000	11,495,000	13,000,000
Spain	128,979,000	95,377,000	92,504,000	140,656,000	100,331,000	119,970,000	144,105,000
Sweden	5,538,000	5,135,000	5,529,000	6,650 000	5,953,000	6,756,000	6,978,000
Switzerland	4,000,000	4,000,000	4,000,000	4 000,000	4,000,000	3,527,000	3,568,000
Turkey (European)	26,000,000	23,000,000	20,000,000	25,000,000	18,000,000	25,000,000	30,000,000
United kingdom: Great Britain—							
England	46,524,000	35,624,000	57,424,000	57,583,000	53,855,000	51,371,000	60,241,000
Scotland	1,528,000	1,499,000	2,130,000	2,063,000	1,953,000	1,854,000	2,111,000
Wales	1,093,000	919,000	1,204,000	1,308,000	1,138,000	966,000	1,147,000
Ireland	1,176,000	1,040,000	1,430,000	1,527,000	1,367,000	1,428,000	1,809,000
Total united kingdom	50,321,000	39,082,000	62,188,000	62,481,000	58,313,000	55,629,000	65,308,000
Total Europe	1,830,526,000	1,747,262,000	1,797,326,000	1,810,550,000	1,606,603,000	1,678,938,000	1,951,583,000
British India	297,601,000	359,936,000	283,063,000	319,952,000	317,023,000	227,983,000	283,360,000
Cyprus	2,477,000	2,176,000	2,441,000	2,410,000	2,636,000	2,601,000	2,600,000
Japanese empire:							
Japan	9,600,000	19,754,000	18,437,000	20,282,000	22,795,000	22,587,000	22,035,000
Formosa	179,000	190,000	200,000	178,000	200,000	200,000	200,000
Total Japanese empire	9,779,000	19,944,000	18,637,000	20,460,000	22,995,000	22,787,000	22,235,000
Persia	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000
Russia:							
Central Asia	20,925,000	12,822,000	25,491,000	11,486.000	27,085,000	21,416,000	
Siberia	48,670,000	31,590,000	42,411,000	45,833,000	45,771,000	55,755,000	
Transcaucasia	64,000	82,000	109,000	108,000	63,000	66,000	
Total Russia (Asiatic)	69,659,000	44,494,000	68,011,000	57,427,000	72,919,000	77,237,000	71,792,000
Turkey (Asiatic)	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000
Total Asia	430,516,000	477,550,000	423,152,000	451,249,000	466,573,000	381,608,000	430,987,000
Algeria	34,035,000	25,484,000	25,579,000	34,323,000	31,261,000	30,000,000	34,769,000
Cape of Good Hope	1,755,000	2,000,000	2,000,000	2,000,000	2,000,000	1,916,000	2,257,000
Egypt	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000	25,000,000
Natal	4,000	7,000	4,000	8,000	3,000	3,000	5,000
Anglo-Egyptian Sudan	294,000	486,000	483,000	542,000	500,000	500,000	500,000
Tunis	7,523,000	10,519,000	5,729,000	4,906,000	6,314,000	2,838,000	4,000,000
Total Africa	55,611,000	63,496,000	58,795,000	66,779,000	65,078,000	60,257,000	66,531,000

WHEAT CROP OF COUNTRIES NAMED (1903-1909).—CONTINUED.

COUNTRY.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Australia:							
Queensland	6,000	2,514,000	2,217,000	1,173,000	1,144,000	715,000	1,241,000
New South Wales	1,635,000	28,196,000	16,983,000	21,391,000	22,506,000	9,444,000	15,971,000
Victoria	2,650,000	29,425,000	21,666,000	24,156,000	23,331,000	12,482,000	24,082,000
South Australia	6,555,000	13,626,000	12,454,000	20,778,000	18,017,000	19,739,000	20,009,000
Western Australia	1,017,000	1,935,000	2,077,000	2,381,000	2,845,000	3,018,000	2,535,000
Tasmania	905,000	732,000	818,000	891,000	672,000	665,000	825,000
Total commonwealth	12,768,000	76,488,000	56,215,000	70,680,000	68,515,000	46,063,000	64,663,000
New Zealand	7,693,000	8,140,000	9,411,000	7,013,000	5,732,000	5,743,000	9,049,000
Total Australasia	20,461,000	84,628,000	65,626,000	77,693,000	74,297,000	51,806,000	73,712,000
Grand total	3,189,813,000	3,163,562,000	3,327,084,000	3,428,998,000	3,126,965,000	3,176,479,000	3,624,418,000

CORN CROP OF COUNTRIES NAMED (1902-1908).

COUNTRY.	1902.	1903.	1904.	1905.	1906.	1907.	1908.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
United States	2,523,648,000	2,244,177,000	2,467,481,000	2,707,994,000	2,927,416,000	2,592,320,000	2,668,651,000
Canada	21,159,000	30,211,000	20,880,000	21,582,000	24,745,000	23,276,000	22,868,000
Mexico	78,099,000	90,879,000	88,131,000	85,000,000	70,000,000	70,000,000	70,000,000
Total North America	2,622,906,000	2,365,267,000	2,576,492,000	2,814,576,000	3,022,161,000	2,685,596,000	2,761,519,000
Argentina	84,018,000	148,948,000	175,189,000	140,708,000	194,912,000	71,768,000	136,057,000
Chile	866,000	1,118,000	1,477,000	1,244,000	840,000	1,500,000	1,344,000
Uruguay	5,060,000	5,289,000	3,035,000	4,417,000	3,226,000	5,359,000	6,000,000
Total South America	89,944,000	155,355,000	179,701,000	146,369,000	198,988,000	78,627,000	143,401,000
Austria-Hungary:							
Austria	13,462,000	16,056,000	12,529,000	17,293,000	18,177,000	16,599,000	15,170,000
Hungary proper	104,546,000	135,751,000	59,400,000	94,045,000	162,973,000	155,619,000	146,124,000
Croatia-Slavonia	15,255,000	23,776,000	11,364,000	18,385,000	25,589,000	17,934,000	20,536,000
Bosnia-Herzegovina	5,863,000	8,411,000	6,464,000	9,584,000	8,936,000	6,468,000	8,821,000
Total Austria-Hungary	139,126,000	183,994,000	89,757,000	139,307,000	215,675,000	196,620,000	190,651,000
Bulgaria	18,109,000	22,836,000	12,758,000	18,141,000	27,780,000	14,080,000	20,717,000
France	24,928,000	25,360,000	19,482,000	24,030,000	14,581,000	24,027,000	24,000,000
Italy	71,028,000	88,990,000	90,545,000	97,265,000	93,008,000	88,513,000	95,953,000
Portugal	16,000,000	14,000,000	15,000,000	15,000,000	11,023,000	15,000,000	15,000,000
Roumania	68,447,000	80,272,000	19,598,000	59,275,000	130,546,000	57,576,000	78,892,000
Russia:							
Russia proper	40,377,000	40,397,000	18,956,000	22,533,000	59,320,000	41,903,000	49,663,000
Poland	.....	.....	13,000	.....	.....	1,000	.....
Northern Caucasia	8,042,000	10,067,000	6,951,000	10,798,000	11,181,000	8,860,000	11,449,000
Total Russia (European)	48,419,000	50,464,000	25,920,000	33,331,000	70,501,000	50,764,000	61,112,000
Servia	18,396,000	19,479,000	9,498,000	21,431,000	27,786,000	17,691,000	21,010,000
Spain	25,272,000	18,759,000	21,300,000	31,880,000	18,714,000	25,372,000	20,115,000
Total Europe	429,716,000	504,154,000	303,858,000	439,659,000	609,614,000	489,643,000	527,450,000
Algeria	556,000	435,000	391,000	490,000	544,000	402,000	400,000
Cape of Good Hope	2,000,000	3,500,000	3,502,000	2,500,000	3,200,000	3,550,000	1,758,000
Egypt	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	35,000,000	30,000,000
Natal	4,143,000	1,997,000	5,282,000	4,822,000	3,845,000	2,984,000	4,593,000
Anglo-Egyptian Sudan	200,000	184,000	189,000	310,000	300,000	300,000	300,000
Total Africa	36,899,000	36,116,000	39,364,000	38,122,000	37,889,000	42,236,000	37,051,000
Australian commonwealth	7,256,000	4,987,000	9,972,000	8,374,000	8,608,000	10,493,000	8,388,000
New Zealand	590,000	627,000	547,000	506,000	653,000	419,000	519,000
Total Australasia	7,846,000	5,614,000	10,519,000	8,880,000	9,261,000	10,912,000	8,907,000
Grand total	3,187,311,000	3,066,506,000	3,109,984,000	3,447,917,000	3,877,913,000	3,307,014,000	3,478,328,000

SUGAR PRODUCTION IN THE UNITED STATES.

In long tons.

YEAR.	Beet sugar.	CANE SUGAR.					Total.
		Louisiana.	Other southern states.	Porto Rico.	Hawaii.	Philippines.	
1900-1	76,859	270,338	2,891	80,000	321,461	55,400	806,949
1901-2	164,827	321,676	3,614	85,000	317,509	78,637	971,263
1902-3	194,782	329,226	3,722	85,000	391,062	90,000	1,093,792
1903-4	214,825	228,477	19,800	130,000	328,103	84,000	1,005,205
1904-5	216,173	335,000	15,000	145,000	380,576	106,875	1,198,624
1905-6	279,393	330,000	12,000	213,000	383,225	145,525	1,363,143
1906-7	431,796	230,000	13,000	255,000	390,000	150,500	1,470,296
1907-8	413,954	335,000	12,000	300,000	465,288	15,000	1,576,242
1908-9	380,254	350,000	15,000	215,000	465,000	150,000	1,575,254
1909-10	457,562	325,000	10,000	280,000	490,000	145,000	1,707,562

BEET SUGAR IN THE UNITED STATES.

STATE AND YEAR.	Factories in operation.	Area harvested.	Average yield of beets per acre.	Beets worked.	Sugar manufactured.	Estimated average extraction of sugar.	Average sugar in beets.	Average purity coefficient of beets.	Av. length of campaign.
1909.	No.	Acres.	Short tons.	Short tons.	Pounds.	Per cent.	Per cent.	Per cent.	Days
California	10	83,000	10.63	882,084	254,544,000	14.43	17.61	83.62	102
Colorado	16	121,698	10.33	1,256,771	298,810,000	11.89	14.24	80.51	85
Idaho	3	15,434	10.60	163,557	39,988,000	12.22	15.98	86.17	88
Michigan	16	112,232	7.31	819,923	212,106,000	12.93	17.00	86.21	74
Utah	5	31,293	14.54	455,064	97,768,000	10.74	15.04	84.22	128
Wisconsin	4	14,000	10.21	143,000	34,340,000	12.01	15.88	85.17	63
Ten states having one factory each	11	42,605	8.47	360,000	87,382,000	12.10	15.09	83.21	61
Totals and averages	65	430,263	9.71	4,081,382	1,024,938,000	12.56	16.10	84.11	88
1908	62	364,913	9.36	3,414,891	351,768,000	12.47	15.74	83.5	74
1907	63	370,894	10.16	3,767,871	927,256,430	12.30	15.8	83.6	89
1906	63	376,074	11.26	4,236,112	967,224,000	11.42	14.9	82.2	105
1905	52	307,364	8.67	2,665,913	625,841,228	11.74	15.3	83.0	77
1904	48	197,784	10.47	2,071,539	484,226,430	11.69	15.3	83.1	78
1903	49	242,576	8.56	2,076,494	481,209,087	11.59	15.1	....*....	75
1902	41	216,400	8.76	1,895,812	436,811,685	11.52	14.6	83.3	94
1901	36	175,083	9.63	1,685,689	369,211,733	10.95	14.8	82.2	88

*No data.

PRINCIPAL FARM CROPS OF THE UNITED STATES BY YEARS.

[From tables prepared by the department of agriculture.]

YEAR.	CORN.			WHEAT.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
1899	82,108,587	2,078,143,933	$629,210,110	44,592,516	547,303,846	$319,545,259
1900	83,320,872	2,105,102,516	751,220,034	42,495,385	522,229,505	323,515,177
1901	91,349,928	1,522,519,891	921,555,768	49,896,514	748,460,218	467,350,156
1902	94,043,613	2,523,648,312	1,017,017,349	46,202,424	670,063,008	422,224,117
1903	88,091,993	2,244,176,925	952,868,801	49,454,967	637,821,835	443,024,826
1904	92,231,581	2,467,480,964	1,087,461,440	44,074,875	552,399,517	510,489 374
1905	94,011,369	2,707,993,540	1,116,696,738	47,854,079	692,979,489	518,372,727
1906	96,737,581	2,927,416,091	1,166,626,479	47,305,829	735,260,970	490,332,780
1907	99,931,000	2,592,320,0 0	1,336,901,000	45,211,000	634,087,000	554,437,000
1908	101,788,000	2,668,651,000	1,616,145,000	47,557,000	664,602,000	616,826,000
1909	108,771,000	2,772,376,000	1,652,822,000	46,723,000	737,189,000	730,046,000

YEAR.	OATS.			RYE.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
1899	26,341,380	796,177,713	$198,167,975	1,659,308	23,961,741	$12,214,118
1900	27,364,795	809,125,989	208,669,233	1,591,362	23,995,927	12,295,417
1901	28,541,476	736,808,724	293,658,777	1,987,506	30,344,830	16,909,742
1902	28,653,144	987,842,712	303,584,852	1,978,548	33,630,592	17,080,793
1903	27,638,126	784,094,199	267,661,665	1,906,894	29,363,416	15,993,871
1904	27,842,669	894,595,552	279,900,013	1,792,673	27,234,565	18,745,543
1905	28,046,746	953,216,197	277,047,537	1,662,508	27,616,045	16,754,657
1906	30,958,768	964,904,522	306,292,978	2,001,904	33,374,833	19,671,243
1907	31,837,000	754,443,000	334,568,000	1,926,000	31,566,000	23,068,000
1908	32,344,000	807,156,000	381,171,000	1,948,000	31,851,000	23,455,000
1909	33,204,000	1,007,353,000	408,174,000	2,006,000	32,239,000	23,809,000

YEAR.	BARLEY.			BUCKWHEAT.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
1899	2,878,229	73,381,563	$29,594,254	670,148	11,094,473	$6,183,675
1900	2,894,282	58,925,833	24,075,271	837,930	9,566,966	5,341,413
1901	4,295,744	109,932,924	49,705,163	811,164	15,125,939	8,523,317
1902	4,661,063	134,954,023	61,898,634	804,889	14,529,770	8,654,704
1903	4,993,137	131,861,391	60,166,313	804,383	14,243,644	8,650,733
1904	5,145,878	139,748,958	58,651,807	793,625	15,008,336	9,390,768
1905	5,095,528	136,651,020	55,047,166	760,118	14,585,082	8,565,499
1906	6,323,757	178,916,484	74,235,997	789,208	14,641,937	8,727,443
1907	6,448,000	153,597,000	102,290,000	800,000	14,290,000	9,975,000
1908	6,646,000	166,756,000	92,442,000	803,000	15,874,000	12,004,000
1909	7,011,000	170,284,000	93,971,000	834,000	17,438,000	12,188,000

YEAR.	POTATOES.			HAY.		
	Acres.	Bushels.	Value.	Acres.	Tons.	Value.
1899	2,581,353	228,783,232	$89,328,832	41,328,462	56,655,756	$411,926,187
1900	2,611,054	210,926,897	90,811,167	39,132,890	50,110,906	445,538,870
1901	2,864,335	187,598,087	143,979,470	39,320,508	59,590,877	506,191,553
1902	2,965,587	284,632,789	184,111,436	39,825,227	59,857,576	542,036,364
1903	2,916,855	247,127,880	151,638,094	39,933,759	61,305,940	556,376,880
1904	3,015,675	332,830,300	150,673,392	39,988,602	60,696,028	529,107,625
1905	2,990,757	260,741,294	160,821,080	39,361,960	60,531,611	519,959,784
1906	3,013,150	308,038,382	157,547,392	42,476,224	57,145,959	592,539,671
1907	3,124,000	297,942,000	183,880,000	44,028,000	63,677,000	743,507,000
1908	3,257,000	278,985,000	197,639,000	46,486,000	70,708,000	635,423,000
1909	3,526,000	376,537,000	206,545,000	45,744,000	64,988,000	639,345,000

PRINCIPAL FARM CROPS OF THE UNITED STATES.—CONTINUED.

YEAR.	TOBACCO.			COTTON.		
	Acres.	Pounds.	Value.	Acres.	Bales.	Value.
1899	1,101,483	868,163,275	$56,993,003	23,408,497	9,142,338	$334,847,868
1900	*	*	*	27,114,103	10,401,453	511,098,111
1901	*	*	*	27,220,414	10,662,995	418,358,366
1902	1,030,734	821,823,963	57,563,510	25,758,139	10,725,422	458,051,005
1903	1,037,735	815,972,425	55,514,627	27,114,103	10,050,953	599,694,724
1904	806,409	660,460,739	53,382,959	28,016,893	9,851,129	576,499,824
1905	776,112	633,033,719	48,674,118	30,053,739	13,438,012	561,100,386
1906	796,099	682,428,530	68,232,647	32,049,000	13,273,809	640,311,538
1907	820,800	698,126,000	71,411,000	31,311,000	11,107,179	613,630,436
1908	875,425	718,061,380	74,130,185	32,444,000	13,241,799	588,814,828
1909	1,180,800	949,357,000	95,719,365	30,780,000	10,088,000	.....

*No data.

AVERAGE FARM VALUE OF CROPS.

DEC. 1.	Wheat.	Oats.	Corn.	Rye.	Barley	Buck-wheat.	Pota-toes.	Hay, per ton
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Doll'rs
1898	58.2	25.5	28.7	46.3	41.3	45.0	41.4	6.00
1899	58.4	24.9	30.3	51.0	40.3	55.7	39.0	7.27
1900	61.9	25.8	35.7	51.2	40.8	55.8	43.1	8.89
1901	62.4	39.9	60.5	55.7	45.2	56.3	76.7	10.01
1902	63.0	30.7	40.3	50.8	45.9	59.6	47.1	9.06
1903	69.5	34.1	42.5	54.5	45.6	60.7	61.4	9.08
1904	92.4	31.3	44.1	68.8	42.0	62.2	45.3	8.72
1905	74.8	29.1	41.2	61.1	40.3	58.7	61.7	8.52
1906	66.7	31.7	39.9	58.9	41.5	59.6	51.1	10.37
1907	87.4	44.3	51.6	73.1	66.6	69.8	61.7	11.08
1908	92.4	47.2	60.6	73.6	55.4	75.6	70.6	8.98
1909	82.4	40.5	59.6	73.9	55.2	69.9	54.9	10.62

FARMS IN THE UNITED STATES.

[Federal census, 1900.]

YEAR.	Farms.	Total.	Improved.	Unimproved.	Average.	Improved.
	Number.	Acres.	Acres.	Acres.	Acres.	Per cent.
1900	5,739,657	841,201,546	414,793,191	426,408,355	146.6	49.3
1890	4,564,641	623,218,619	357,616,755	265,601,864	136.5	57.4
1880	4,008,907	536,081,835	284,771,042	251,310,793	133.7	53.1
1870	2,659,985	407,735,041	188,921,099	218,813,942	153.3	46.3
1860	2,044,077	407,212,538	163,110,720	244,101,818	199.2	40.1
1850	1,449,073	293,560,614	113,032,614	180,528,000	202.6	38.5

VALUE OF FARM PROPERTY AND PRODUCTS.

YEAR.	Total value.	Land and buildings.	Implements, machinery.	Live stock.	Products.*
1900	$20,514,001,838	$16,674,690,247	$761,261,550	$3,078,050,041	$4,739,118,752
1890	15,982,267,689	13,279,252,649	494,247,467	†2,208,767,573	2,460,107,454
1880	12,191,001,538	10,197,096,776	406,520,055	†1,500,384,707	2,212,540,927
1870	11,124,958,747	9,262,803,861	336,878,429	1,525,276,457	‡2,447,538,058
1860	7,980,493,033	6,645,045,007	246,118,141	1,089,329,915	.....
1850	3,967,343,580	3,271,575,426	151,587,638	544,180,516	.....

*For year preceding that designated. †Exclusive of stock on ranges. ‡Includes betterment and addition to stock.

NUMBER AND VALUE OF FARM ANIMALS (1910).

Animals.	Number.	Av. price.	Total value.
Horses	21,040,000	$108.19	$2,276,363,000
Mules	4,123,000	119.84	494,095,000
Milch cows	21,801,000	35.79	780,308,000
Other cattle	47,279,000	19.41	917,453,000
Sheep	57,216,000	4.08	233,664,000
Swine	47,782,000	9.14	436,603,000

The total value of all the farm animals enumerated Jan. 1, 1910, was $5,138,486,000, as compared with $4,525,529,000 on Jan. 1, 1909; an increase of 13.6 per cent. The states having the largest number of farm animals of each kind in 1910 were:

Horses—Illinois, 1,655,000; Iowa, 1,447,000; Texas, 1,369,000; Kansas, 1,187,000; Nebraska, 1,045,000; Missouri, 1,005,000.

Mules—Texas, 702,000; Missouri, 344,000; Mississippi, 290,000; Tennessee, 290,000; Alabama, 253,000; Georgia, 248,000.

Milch cows—New York, 1,771,000; Iowa, 1,570,000; Wisconsin, 1,506,000; Illinois, 1,232,000; Pennsylvania, 1,140,000; Texas, 1,137,000.

Other cattle—Texas, 7,131,000; Iowa, 3,611,000; Kansas, 3,260,000; Nebraska, 3,040,000; Missouri, 2,165,000; Illinois, 1,974,000.

Sheep—Wyoming, 7,316,000; Montana, 5,747,000; New Mexico, 4,729,000; Idaho, 4,248,000; Ohio, 3,203,000; Utah, 3,177,000.

Swine—Iowa, 6,485,000; Illinois, 3,772,000; Texas 3,205,000; Nebraska, 3,201,000; Missouri, 2,714,000; Indiana, 2,578,000.

LIVE STOCK IN THE COUNTRIES NAMED.

Country.	Year.	Cattle.	Horses.	Sheep.	Swine.
Canada	1909	7,234,084	2,132,489	2,705,390	2,912,509
Cuba	1909	2,968,867	499,560	.....	700,000
Great Britain	1909	7,020,982	1,552,993	27,618,419	2,380,887
Ireland	1909	4,698,412	599,293	4,132,392	1,148,715
Australia, commonwealth	1908-9	10,543,012	1,926,678	87,003,048	695,539

LIVE STOCK OF THE WORLD (1910).

[From the Crop Reporter, Washington, D. C.]

Statistics of the world supply of live stock are incomplete; large areas of Africa are unrepresented; the number of animals in China, Persia, Afghanistan, Korea, Bolivia, Ecuador, Salvador and several less important countries is unknown; for Brazil the number of cattle alone is estimated; in general, statistics of cattle, horses, sheep and swine are much more complete than those of other animals, as statements for the world. In some countries the latest available data relate to num-

bers ten years ago. Keeping in view these deficiencies in data, estimates of the approximate number of live stock in the world, so far as information is available, are of interest.

Sheep seem to be the most numerous of the large animals of the world, with a total of about 580,000,000 head. Australia ranks first, with about 88,000,000; Argentina second, with 67,000,000; United States third, with about 57,000,000; European Russia and Asiatic Turkey each have approximately 45,000,000; Great Britain, with 27,000,000 in 1908, has more sheep in proportion to its area than any other important nation.

The number of cattle enumerated or estimated, about 430,000,000, although smaller than that of sheep, is much more important, owing to their larger size. In total number of cattle, British India ranks first, with about 91,000,000 (including buffaloes and buffalo calves); the United States ranks second, with about 70,000,000; Russia third, with about 36,000,000; Argentina and Brazil each have about 30,000,000, Germany about 20,000,000, Austria-Hungary 18,000,000 (in 1900). France 14,000,000 and the united kingdom 12,000,000. The proportion of the total number of cattle which is beef cattle, work cattle or milch cows has not been estimated.

The United States is pre-eminent as a swine-producing nation, being credited with approximately 50,000,000 head out of a world supply of less than 150,000,000. Germany ranks second, with about 22,000,000; European Russia has about 11,000,000; France, 7,000,000; Austria had 5,000,000 in 1900 and Hungary 7,000,000 in 1895. No other country is credited with as many as 5,000,000.

Horses aggregate about 95,000,000; European Russia and the United States have almost an equal number, between 20,000,000 and 25,000,000 head; Argentina has about 8,000,000; Asiatic Russia is credited with about 7,000,000, Germany, 4,000,000, France 3,060,000, the united kingdom 2,000,000, Austria and Hungary each had about 2,000,000 in 1900 and 1895, respectively.

Of the 7,500,000 mules that are estimated in the world more than half are in the United States; no other country is credited with 1,000,000; Spain comes nearest with about 810,000 in 1907.

The number of asses in the world is estimated to be between 8,000,000 and 9,000,000; Asiatic Turkey is credited with about 2,500,000; 1,300,000 were credited to British India in 1907; 850,000 to Italy in 1908, and 770,000 to Spain in 1907.

Nearly 100,000,000 goats are estimated in the various countries of the world; by far the largest number are in British India, nearly 30,000,000; Asiatic Turkey is credited with 9,000,000, the Cape of Good Hope with nearly 9,000,000, Algeria about 4,000,000, Mexico 4,000,000 and Argentina 3,000,000 (in 1907).

About 15,000,000 buffaloes were reported in British India in 1907, over 2,500,000 in Dutch East Indies in 1905; minor countries bring the total number estimated to over 21,000,000.

The approximate number of camels in important countries, so far as estimates can be made, is: Asiatic Russia, 700,000; British India, 450,000; European Russia, 225,000; Algeria, 200,000; Tunis, 150,000; Sudan (Anglo-Egyptian, number assessed for tribute and tax in 1905), 132,000; Egypt, 40,000.

Of the 900,000 reindeer reported from various countries, 350,000 were in Russia, 230,000 were in Sweden, 140,000 in Finland (in 1906) and 110,000 in Norway (1900).

WHEAT AND OATS (1909).

STATE OR TERRITORY.	WHEAT (WINTER AND SPRING).				OATS.			
	Acres.	Yield.	Bushels.	Value.	Acres.	Yield.	Bushels.	Value.
Alabama	98.000	10.5	1,029,000	$1,338,000	270,000	16.5	4,445,000	$3,118,000
Arizona	16.000	25.0	400,000	556,000	4.000	37.0	148.000	117.000
Arkansas	151.000	11.4	1,721,000	1,893,000	164.000	22.8	3,739,000	2,206,000
California	825.000	14.0	11,550,000	12,820,000	200,000	31.4	6,280,000	4,145,000
Colorado	365.000	29.5	10,758,000	10,365,000	196.000	38.0	7,448,000	3,947,000
Connecticut					11.000	27.5	302,000	160,000
Delaware	118,000	14.0	1,652,000	1,718,000	4,000	25.5	102,000	49.000
Florida					31.000	17.0	527,000	395,000
Georgia	245.000	10.0	2,450,000	3,552,000	350.000	19.0	6,650,000	4,722,000
Idaho	520,000	27.5	14,465,000	12,584,000	175.000	44.5	7,788,000	3,894,000
Illinois	1,810,000	17.4	31,494,000	32,754,000	4,346,000	36.6	159,064,000	60,444,000
Indiana	2,165,000	15.3	33,124,000	36,436,000	1,820,000	30.5	55,510,000	21,649,000
Iowa	144,000	21.6	3,110,000	2,892,000	4,300,000	27.0	116,100,000	40,635,000
Kansas	6,045,000	13.0	87,205,000	83,715,000	964.000	28.2	27,185,000	11,690,000
Kentucky	670,000	11.8	7,906,000	8,776,000	173.000	22.3	3,858,000	1,968,000
Louisiana					32.000	20.0	640.000	397,000
Maine	9,000	25.5	230,000	253,000	124.000	37.0	4,588,000	2,661,000
Maryland	770.000	14.5	11,165,000	12,282,000	28,000	25.4	711.000	348 000
Massachusetts	1.000	25.0	25,000	30.000	7.000	31.0	217.000	126,000
Michigan	775.000	18.8	14,570,000	16,318.000	1,429.000	30.5	43,310.000	17.757,000
Minnesota	5,600.000	16.8	94,080.000	90,317.000	2,736.000	33.0	90.288.000	31.601,000
Mississippi	1,000	11.0	11.000	13.000	150.000	16.0	2.400.000	1.632,000
Missouri	1,943,000	14.7	28,562.000	29.990.000	600 000	27.0	18,630.000	8,011,000
Montana	350.000	30.6	10,764.000	9,364.000	300,000	51.3	15.390,000	6,464,000
Nebraska	2,640,000	16.7	49.650.000	44,188.000	2,473.000	25.0	61,825,000	21,639,000
Nevada	36,000	28.7	1,033,000	1,074,000	7,000	40.0	280.000	165,000
New Hampshire					14.000	31.5	441.000	282,000
New Jersey	110,000	17.9	1,969.000	2,146,000	60,000	25.5	1,530.000	765,000
New Mexico	41.000	24.5	1,004.000	1,175,000	24.000	40.0	960.000	634.000
New York	420,000	21.0	8.820.000	9.790.000	1,325.000	28.2	37,365,000	18,309.000
North Carolina	570,000	9.5	5,415,000	6.877.000	196.000	16.5	3.234.000	2,134,000
North Dakota	6,625,000	13.7	90,762,000	83,501.000	1,550,000	32.0	49.600.000	16,368.000
Ohio	1,480,000	15.9	23.532,000	26,056.000	1,370.000	32.5	56,225.000	23,052,000
Oklahoma	1,225 000	12.8	15.680.000	15.837,000	550.000	29.0	15,950.000	7,337,000
Oregon	810.000	19.8	16,377.000	15.231,000	288,000	37.8	10,886,000	5,661.000
Pennsylvania	1,545,000	17.0	26,265,000	28,629,000	998.000	26.3	25,948.000	12,974,000
Rhode Island					2.000	25.0	50.000	26.000
South Carolina	381.000	10.0	3,810,000	5,563,000	211.000	21.0	4,431.000	3,190,000
South Dakota	3,375,000	14.1	47,588,000	42,829,000	1,450,000	30.0	43,500.000	14,790,000
Tennessee	800,000	10.4	8,320,000	9,568,000	200.000	20.0	4,000,000	2,120,000
Texas	555,000	9.1	5,050.000	5,959,000	615,000	18.7	11,500,000	7,130,000
Utah	235,000	26.2	6,090,000	5,481,000	55,000	46.1	2,536,000	1,319,000
Vermont	1.000	25.0	25,000	30,000	81,000	32.2	2,608,000	1,304,000
Virginia	790.000	11.2	8.848.000	10,175,000	200,000	19.0	3,800,000	2,052,000
Washington	1,540,000	23.2	35,780,000	33,275,000	202,000	49.0	9,898,000	4,751,000
West Virginia	370,000	13.0	4 810,000	5,435,000	98,000	22.0	2,156,000	1,164,000
Wisconsin	179,000	14.7	3,484.000	3,345,000	2,280,000	35.0	79,800,000	31,122,000
Wyoming	80,000	28.7	2,297,000	2,274,000	100,000	35.0	3,500,000	1,750,000
United States	46,723,000	15.8	737,189,000	730,046,000	33,204,000	30.3	1,007,353,000	408,174,000

GRAIN CROPS OF THE CANADIAN NORTHWEST.

Bushels produced in 1908 and 1909.

PROVINCE.	WHEAT.		OATS.		BARLEY.	
	1908.	1909.	1908.	1909.	1908.	1909.
Manitoba	50,269,000	52,706,000	47,506,000	58,721,000	17,093,000	20,866,000
Saskatchewan	34,742,000	85,197,000	31,030,000	97,533,000	1,952,000	4,493,000
Alberta	6,842,000	9,579,000	24,227,000	40,775,000	3,881,000	5,999,000
Total	91,853,000	147,482,000	102,763,000	197,029,000	22,926,000	31,358,000

WHEAT HARVEST CALENDAR.

January—Australia, New Zealand, Chile, Argentine Republic.

February and March—Upper Egypt, India.

April—Lower Egypt, India, Syria, Cyprus, Persia, Asia Minor, Mexico, Cuba.

May—Texas, Algeria, Central Asia, China, Japan, Morocco.

June—California, Oregon, Mississippi, Alabama, Georgia, North Carolina, South Carolina, Tennessee, Virginia, Kentucky, Kansas, Arkansas, Utah, Colorado, Missouri, Turkey, Greece, Italy, Spain, Portugal, south of France.

July—New England, New York, Pennsylvania, Ohio, Indiana, Michigan, Illinois, Iowa, Wisconsin, southern Minnesota, Nebraska, upper Canada, Roumania, Bulgaria, Austria, Hungary, south of Russia, Germany, Switzerland, south of England.

August—Central and northern Minnesota, Dakotas, Manitoba, lower Canada, British Columbia, Belgium, Holland, Great Britain, Denmark, Poland, central Russia.

September and October—Scotland, Sweden, Norway, north of Russia.

November—Peru, South Africa.

December—Burma, New South Wales.

PRELIMINARY CROP ESTIMATES FOR 1910.

Winter wheat—458,294,000 bushels. | Corn—2,977,000,000 bushels. | Rye—32,088,000 bushels.
Spring wheat—233,475,000 bushels. | Oats—1,096,396,000 bushels. | Barley—158,138,000 bushels.

INTERNATIONAL TRADE IN WHEAT (1908).

Exports— Country.	Bushels.
Argentina	133,610,896
Australia	15,027,386
Austria-Hung'y.	14,720
Belgium	24,178,475
British India	4,289,344
Bulgaria	7,818,338
Canada	52,502,903
Chile	4,946,419
Germany	9,594,177
Netherlands	29,914,096
Roumania	26,247,384
Russia	53,928,000
Servia	3,319,526
United States	92,779,509
Other countries	10,379,838
Total	468,551,011

Imports— Country.	Bushels.
Austria-Hung'y.	290,334
Belgium	67,032,575
Brazil	9,551,415
Denmark	3,593,773
France	2,752,415
Germany	76,814,333
Greece	6,638,757
Italy	29,026,788
Japan	1,319,524
Netherlands	40,159,483
Portugal	4,604,041
Spain	2,902,246
Sweden	7,599,881
Switzerland	12,140,012
Untd. kingdom	168,629,046
Other countries	10,778,106
Total	443,832,729

INTERNATIONAL TRADE IN WHEAT FLOUR (1908).

Exports—	
Argentina	1,276,656
Australia	1,191,861
Austria-Hungary	408,453
Belgium	529,660
British India	350,407
Bulgaria	287,042
Canada	1,747,163
Chile	19,647
France	365,496
Germany	1,702,862
Italy	499,259
Netherlands	145,451
Roumania	556,898
Russia	539,297
Servia	62,998
United kingdom	988,326
United States	13,013,025
Other countries	785,439
Total	24,469,940

Imports—	
Belgium	31,735
Brazil	1,699,314
China	1,194,514
Cuba	861,865
Denmark	441,515
Egypt	1,919,766
Finland	1,022,029
France	81,824
Germany	190,883
Greece	24,953
Italy	18,021
Japan	352,537
Netherlands	2,200,426
Newfoundland	366,237
Norway	632,712
Philippines	231,305
Spain	171
Sweden	120,137
Trinidad-Tobago	230,994
United kingdom	7,358,072
Other countries	4,569,267
Total	23,548,276

INTERNATIONAL TRADE IN CORN (1908).

Exports—	
Argentina	67,390,728
Austria-Hung'y.	307,092
Belgium	6,134,920
Bulgaria	4,393,880
Netherlands	6,957,524
Roumania	28,959,000
Russia	23,532,003
Servia	1,934,483

Exports—	
United States	39,013,273
Uruguay	88,659
Other countries	5,881,329
Total	184,592,891

Imports—	
Austria-Hung'y.	3,106,663
Belgium	19,158,046
Country.	Bushels.
British S. Africa	145,275
Canada	6,812,833
Cuba	3,163,495
Denmark	10,445,555
Egypt	845,205
France	9,629,979
Germany	26,372,295
Italy	2,987,496
Mexico	179,157
Netherlands	25,261,400
Norway	309,841
Portugal	2,015,388
Russia	343,072
Spain	3,318,904
Sweden	488,077
Switzerland	2,480,164
United kingdom	68,186,271
Other countries	3,671,563
Total	189,410,729

INTERNATIONAL TRADE IN SPIRITS OF TURPENTINE (1908).

Exports—	Gallons.
France	2,397,710
Germany	433,239
Netherlands	1,851,937
Russia	1,725,389
United States	19,433,181
Other countries	1,199,472
Total	27,040,928

Imports—	
Argentina	446,967
Australia	395,430
Austria-Hung'ry	2,496,559
Canada	1,080,181
Chile	115,170
Germany	10,088,871
Italy	1,020,128
Netherlands	3,932,356
New Zealand	138,807
Russia	105,329
Sweden	148,913
Switzerland	503,879
United kingdom	8,656,464
Other countries	996,370
Total	30,036,424

INTERNATIONAL TRADE IN OIL CAKE AND OIL-CAKE MEAL (1908).

Exports—	Pounds.
Argentina	31,866,797
Austria-Hngy.	113,952,281
Belgium	149,098,934
British India	158,531,296
Canada	41,743,700
China	129,166,933
Denmark	2,757,541
Egypt	148,649,000
France	329,693,063
Germany	414,855,627
Italy	47,744,617
Netherlands	156,913,410
Russia	1,378,461,689
Untd. kingdom	36,910,720
United States	1,959,213,339
Other countr's	104,230,468
Total	5,203,795,415

Imports—	Pounds.
Austria-Hngy.	27,152,565
Belgium	553,066,958
Canada	3,741,000
Denmark	1,036,950,572
Dutch E. Ind.	21,089,491
Finland	20,873,178
France	200,278,445
Germany	1,463,999,742
Italy	10,834,835
Japan	139,939,333
Netherlands	701,182,543
Sweden	258,508,025
Untd. kingdom	736,330,560
Other countr's	162,678,933
Total	5,336,626,180

INTERNATIONAL TRADE IN BUTTER (1908).

Exports—	
Argentina	7,825,681
Australia	51,193,311
Austria-Hung'y	8,217,949
Belgium	3,821,565
Canada	5,994,144

Exports—	
Denmark	196,061,115
Finland	26,525,880
France	43,951,344
Germany	480,167
Italy	8,602,656

Country.	Pounds.
Netherlands	72,911,951
New Zealand	25,756,752
Norway	3,342,508
Russia	112,346,921
Sweden	40,030,708
United States	8,918,091
Other countries	2,865,022
Total	618,935,765
Imports—	
Australia	40,874
Belgium	10,998,273
Brazil	4,122,645
Brit. S. Africa	7,445,084
Denmark	4,376,175
Dutch E. Indies	3,036,890
Egypt	2,970,514
France	12,374,543
Germany	74,623,809
Netherlands	2,396,806
Russia	505,579
Sweden	275,628
Switzerland	8,211,776
Untd. kingdom	465,443,216
Other countries	17,538,153
Total	614,359,965

INTERNATIONAL TRADE IN CHEESE (1908).

Exports—	
Bulgaria	5,598,139
Canada	172,081,891
France	24,272,447
Germany	3,387,843
Italy	43,711,481
Netherlands	118,253,711
New Zealand	31,449,376
Russia	938,933
Switzerland	67,654,558
United States	10,190,843
Other countries	8,333,607
Total	485,872,829
Imports—	
Argentina	8,085,698
Australia	566,308
Austria-Hung'y	9,748,177
Belgium	31,051,362
Brazil	3,454,643
Brit. S. Africa	4,469,453
Cuba	5,232,438
Denmark	1,686,536
Egypt	9,072,778
France	50,011,189
Germany	45,689,689
Italy	16,953,323
Russia	3,069,588
Spain	4,535,489
Switzerland	6,564,703
Untd. kingdom	251,908,608
United States	33,793,726
Other countries	19,236,653
Total	505,120,861

INTERNATIONAL TRADE IN ROSIN (1908).

Exports—	
Austria-Hung'y	2,631,878
Germany	60,958,460
Netherlands	86,768,631
United States	728,330,680
Other countries	34,070,205
Total	912,759,854
Imports—	
Argentina	23,529,126
Australia	18,015,312
Austria-Hung'y	82,300,744
Brazil	34,134,162
Canada	17,004,000
Chile	2,112,888
Cuba	3,709,909
Denmark	2,382,094
Finland	7,042,101
Germany	286,217,917
Italy	38,811,048
Japan	8,035,293
Netherlands	98,809,593
Russia	74,970,173
Spain	4,812,403
Sweden	14,050,543
Switzerland	4,626,620
Untd. kingdom	171,698,688
Uruguay	682,304
Other countries	22,560,618
Total	915,505,536

INTERNATIONAL TRADE IN COTTON (1908).

Exports—	Bales.*
Brazil	16,442
British India	1,423,637
China	171,132
Egypt	1,315,968
France	213,791
Germany	248,768
Netherlands	108,262
Persia	89,689
Peru	56,910
United States	9,152,070
Other countries	106,801
Total	12,903,470
Imports—	
Austria-Hungary	816,141
Belgium	226,183
Canada	125,546
France	1,294,295
Germany	2,189,209
Italy	953,538
Japan	890,132
Mexico	7,611
Netherlands	243,184
Russia	1,096,907
Spain	432,687
Sweden	97,755
Switzerland	107,309
United kingdom	3,702,357
United States	154,662
Other countries	308,399
Total	12,645,915

*Bales of 500 pounds gross weight.

INTERNATIONAL TRADE IN INDIA RUBBER (1908).

Exports—	Pounds.
Angola	5,200,000
Belgian Kongo	10,052,913
Belgium	15,036,638
Bolivia	4,008,415
Brazil	84,231,126
Dutch E. Indies	14,068,081
Ecuador	887,085
France	13,045,487
French Guiana	2,864,282
French Kongo	4,061,352
Germany	9,099,798
Gold Coast Col.	3,549,548
Ivory Coast	3,024,783
Kamerun	2,677,117
Netherlands	3,774,042
Peru	6,677,097
Senegal	2,293,164
Singapore	5,422,133
S. Nigeria	2,843,833
Venezuela	700,984
Other countries	24,064,267
Total	217,582,135
Imports—	
Austria-Hung'y	4,237,504
Belgium	17,783,480
Canada	1,868,569
France	22,097,539
Germany	32,498,112
Italy	3,298,996
Netherlands	6,522,685
Russia	16,611,888
United kingdom	24,253,000
United States	76,289,474
Other countries	11,344,457
Total	216,806,304

INTERNATIONAL TRADE IN WOOL (1908).

Exports—	
Algeria	26,624,118
Argentina	386,994,937
Australia	598,032,199
Belgium	40,465,085
British India	32,108,670
Brit. S. Africa	122,443,992
Chile	6,928,157
China	33,441,467
France	72,337,175
Netherlands	26,359,444
New Zealand	168,035,607
Peru	8,406,261
Russia	13,939,541
Spain	14,373,068
Turkey	40,156,587
Untd. kingdom	38,311,096
United States	84,129,000
Other c'ntries	77,480,629
Total	1,790,567,023
Imports—	
Austria-Hung.	60,628,869
Belgium	131,118,370
British India	18,470,491
Canada	4,468,680
France	504,910,496
Germany	430,576,566
Japan	5,551,456
Netherlands	31,714,118
Russia	52,760,801
Sweden	7,168,456
Switzerland	11,097,626
Untd. kingdom	470,804,920
United States	142,559,384
Other c'ntries	49,487,750
Total	1,921,317,983

INTERNATIONAL TRADE IN WOOD PULP (1908).

Exports—	
Austria-Hung.	177,828,338
Belgium	54,463,780
Canada	480,000,000
Finland	140,860,769
Germany	281,362,458
Norway	1,310,902,325
Sweden	1,242,850,222
Switzerland	12,338,167
United States	22,595,379
Other c'ntries	56,805,575
Total	3,780,007,013
Imports—	
Argentina	39,930,837
Austria-Hung.	5,486,202
Belgium	265,428,111
Denmark	75,010,059
France	692,701,492
Germany	99,261,783
Italy	135,943,606
Japan	40,753,602
Russia	48,932,844
Spain	79,954,210
Sweden	6,448,409
Switzerland	20,914,147
U. kingdom	1,662,662,400
United States	500,969,689
Other c'ntries	23,684,904
Total	3,698,082,295

RAW SILK PRODUCTION OF THE WORLD (1908).

Italy	9,890,000
France	1,446,000
Spain	166,000
Austria-Hungary	736,000
Anatolia	1,356,000
Syria and Cyprus	1,080,000
Other Turkish provinces	320,000
Salonica and Adrianople	628,000
Balkan states	456,000
Greece and Crete	143,000
Caucasus	794,000
Persia and Turkestan	1,160,000
China	17,672,000
Japan	16,689,000
British India	551,000
Total	53,087,000

RICE PRODUCTION OF THE UNITED STATES (1909).

State.	Bushels.
North Carolina	13,000
South Carolina	476,000
Georgia	100,000
Florida	25,000
Alabama	35,000
Mississippi	30,000
Louisiana	12,675,000
Texas	9,894,000
Arkansas	1,120,000
Total	24,368,000

RICE CROP OF THE WORLD (1908).

Country.	Pounds.
United States	710,300,000
Central America	9,400,000
Mexico	55,151,000
South America	153,985,000
Europe	1,196,436,000
British India	63,236,000,000
Ceylon	309,000,000
French Indo-China	5,000,000,000
Japanese empire	19,035,600,000
Java and Madura	6,877,000,000
Korea	3,200,000,000
Philippine islands	534,000,000
Caucasus and Turkestan	393,000,000
Siam	824,000,000
Straits Settlements	79,000,000
Africa	1,109,978,000
Oceania	2,600,000
Total	108,725,450,000

HOP PRODUCTION OF THE WORLD (1908).

State or country.	Pounds.
New York	8,000,000
California	12,000,000
Oregon	13,000,000
Washington	3,000,000
Total United States	36,000,000
Austria-Hungary	18,300,000
Belgium	2,500,000
France	3,000,000
Germany	13,356,000
Netherlands	158,000
Russia	8,125,000
England	24,022,000
Total Europe	69,461,000
Australia	1,534,000
New Zealand	941,000
Grand total	107,936,000

SUGAR PRODUCTION OF THE WORLD (1909-10).

Country.	Tons.*
Cane—	
United States	1,105,000
Central America	21,000
Mexico	130,000
Cuba	1,700,000
Other West Indies	316,000
South America	684,000
Europe (Spain)	16,000
British India	1,800,000
Formosa	130,000
Java	1,185,000
Philippines	145,000
Africa	395,000
Oceania	217,328
Total cane sugar	7,844,328
Beet—	
United States	457,562
Canada	8,802
Austria-Hungary	1,260,000
Belgium	250,000
France	825,000
Germany	2,040,000
Netherlands	200,000
Russia	1,150,000
Other countries	460,000
Total beet sugar	6,651,364
Total cane and beet	14,495,692

*Tons of 2,240 pounds, except beet sugar in Europe, which is in metric tons of 2,204.622 pounds.

FLAX CROP OF THE WORLD (1908).

Country.	Seed, bu.	Fiber, lbs.
United States	25,805,000	.....
Canada	1,499,000	.....
Mexico	150,000	.....
South America	44,056,000	.....
Europe	21,237,000	1,858,055,000
Asia	7,970,000	82,785,000
Africa	12,000	.....
Total	100,729,000	1,940,840,000

FLAXSEED PRODUCTION OF THE UNITED STATES (1909).

State.	Bushels.	State.	Bushels.
Wisconsin	290,000	Nebraska	166,000
Minnesota	6,750,000	Kansas	424,000
Iowa	382,000	Oklahoma	72,000
Missouri	232,000	Montana	192,000
North Dakota	22,340,000		
South Dakota	8,516,000	Total	39,466,000

CORN PRODUCTION OF THE UNITED STATES (1909).

State or ter.	Acres.	Yield, bu.	Bushels.	Value.
Alabama	3,233,000	13.5	43,646,000	$37,099,000
Arizona	12,000	32.1	417,000	417,000
Arkansas	2,800,000	18.0	50,400,000	36,288,000
California	50,000	34.8	1,740,000	1,583,000
Colorado	135,000	24.2	3,267,000	2,287,000
Connecticut	60,000	41.0	2,460,000	1,845,000
Delaware	200,000	31.0	6,200,000	3,596,000
Florida	665,000	12.6	8,379,000	6,955,000
Georgia	4,400,000	13.9	61,160,000	52,598,000
Idaho	6,000	30.6	184,000	138,000
Illinois	10,300,000	35.9	369,770,000	192,280,000
Indiana	4,913,000	40.0	196,520,000	98,260,000
Iowa	9,200,000	31.5	289,800,000	142,002,000
Kansas	7,750,000	19.9	154,225,000	83,282,000
Kentucky	3,568,000	29.0	103,472,000	64,153,000
Louisiana	2,226,000	23.0	51,198,000	35,327,000
Maine	17,000	38.0	646,000	517,000
Maryland	700,000	31.4	21,980,000	14,287,000
Massach'setts	47,000	38.0	1,786,000	1,447,000
Michigan	1,976,000	35.4	69,950,000	42,670,000
Minnesota	1,690,000	34.8	58,812,000	28,818,000
Mississippi	2,810,000	14.5	40,745,000	33,003,000
Missouri	8,100,000	26.4	213,840,000	126,166,000
Montana	5,000	35.0	175,000	150,000
Nebraska	7,525,000	24.8	194,060,000	97,030,000
N. Hampshire	30,000	35.1	1,053,000	800,000
New Jersey	290,000	32.7	9,483,000	6,733,000
New Mexico	68,000	31.3	2,128,000	1,915,000
New York	670,000	36.0	24,120,000	17,849,000
N. Carolina	2,398,000	16.8	48,686,000	41,383,000
North Dakota	195,000	31.0	6,045,000	3,325,000
Ohio	3,875,000	39.5	153,062,000	85,715,000
Oklahoma	5,950,000	17.0	101,150,000	55,632,000
Oregon	17,000	30.7	522,000	418,000
Pennsylvania	1,525,000	32.0	48,800,000	34,160,000
Rhode Island	11,000	32.2	365,000	354,000
S. Carolina	2,218,000	16.7	37,041,000	33,337,000
South Dakota	2,059,000	31.7	65,270,000	32,635,000
Tennessee	3,575,000	22.0	76,650,000	55,055,000
Texas	8,150,000	15.0	122,250,000	92,910,000
Utah	13,000	31.4	408,000	355,000
Vermont	65,000	37.0	2,405,000	1,756,000
Virginia	2,040,000	23.2	47,328,000	35,023,000
Washington	15,000	27.8	417,000	359,000
W. Virginia	880,000	31.4	27,632,000	20,448,000
Wisconsin	1,533,000	33.0	50,589,000	30,353,000
Wyoming	5,000	28.0	140,000	109,000
Un. States	108,771,000	25.5	2,772,376,000	1,652,822,000

TOBACCO PRODUCTION OF THE UNITED STATES (1909).

State.	Acreage.	Pounds.	Value.
New Hampshire	100	170,000	$25,000
Vermont	200	335,000	50,000
Massachusetts	4,400	7,040,000	985,600
Connecticut	13,400	22,110,000	3,648,150
New York	6,000	7,050,000	564,000
Pennsylvania	41,200	30,732,000	2,765,880
Maryland	25,000	17,750,000	1,473,250
Virginia	155,000	120,125,000	10,210,625
West Virginia	14,400	12,600,000	1,663,200
North Carolina	240,000	144,000,000	13,680,000
South Carolina	40,000	32,000,000	2,336,000
Georgia	2,100	1,470,000	499,800
Florida	4,500	3,195,000	1,086,300
Ohio	90,000	83,250,000	8,741,250
Indiana	20,000	19,000,000	2,090,000
Illinois	1,500	1,125,000	123,750
Wisconsin	31,500	37,170,000	2,419,640
Missouri	5,000	4,425,000	575,250
Kentucky	420,000	350,700,000	37,174,200
Tennessee	73,000	53,290,000	4,156,620
Alabama	600	360,000	104,400
Mississippi	100	50,000	13,000
Louisiana	400	220,000	81,400
Texas	1,000	650,000	170,300
Arkansas	900	540,000	81,000
	1,180,300	949,357,000	95,719,365

TOBACCO CROP OF THE WORLD (1908).

Country.	Pounds.	Country.	Pounds.
United States	728,061,000	Germany	74,067,000
Canada	11,267,000	Greece	7,700,000
Cuba	66,650,000	Italy	15,000,000
Guatemala	1,300,000	Netherlands	1,700,000
Mexico	22,750,000	Roumania	16,099,000
Santo Domingo	16,700,000	Russia	207,948,000
Argentina	31,000,000	Servia	1,732,000
Bolivia	3,000,000	Sweden	2,300,000
Brazil	32,130,000	Turkey	100,000,000
Chile	8,803,000	Brit. India	450,000,000
Ecuador	122,000	Dutch E. Indies	123,762,000
Paraguay	10,000,000	Japanese em.	100,428,000
Peru	1,500,000	Philippines	40,431,000
Austria-Hung.	156,039,000	Africa	23,528,000
Belgium	19,476,000	Oceania	1,007,000
Bulgaria	9,016,000		
Denmark	160,000	Total	2,324,486,000
France	40,810,000		

RYE CROP OF THE WORLD (1909).

Country.	Bushels.	Country.	Bushels.
United States	32,239,000	Norway	988,000
Canada	1,715,000	Roumania	3,090,000
Mexico	70,000	Russia (Eu.)	877,168,000
Austria-Hung.	162,052,000	Servia	1,500,000
Belgium	20,000,000	Spain	34,901,000
Bulgaria	5,000,000	Sweden	25,728,000
Denmark	18,000,000	Untd. kingdom	1,954,000
Finland	11,000,000	Asia (Russia)	19,667,000
France	56,643,000	Australasia	201,000
Germany	446,767,000		
Italy	3,000,000	Total	1,736,683,000
Netherlands	15,000,000		

OAT CROP OF THE WORLD (1909).

United States.	1,007,353,000	Norway	10,339,000
Canada	375,558,000	Roumania	25,945,000
Mexico	17,000	Russia (Eu.)	1,067,668,000
Austria-Hung.	274,392,000	Servia	3,000,000
Belgium	40,000,000	Spain	34,307,000
Bulgaria	12,000,000	Sweden	69,292,000
Denmark	39,000,000	Untd. kingdom	184,528,000
Finland	18,000,000	Asia	78,105,000
France	339,743,000	Africa	16,743,000
Germany	628,718,000	Australasia	36,157,000
Italy	16,000,000		
Netherlands	19,000,000	Total	4,295,865,000

BARLEY CROP OF THE WORLD (1909).

United States	170,284,000	Norway	2,885,000
Canada	55,398,000	Roumania	19,955,000
Mexico	7,000,000	Russia (Eu.)	464,733,000
Austria-Hung.	157,671,000	Servia	4,000,000
Belgium	5,000,000	Spain	81,579,000
Bulgaria	12,000,000	Sweden	13,900,000
Denmark	21,000,000	Untd. kingdom	71,148,000
Finland	5,000,000	Asia	99,576,000
France	47,782,000	Africa	59,187,000
Germany	160,552,000	Australasia	5,139,000
Italy	10,000,000		
Netherlands	4,000,000	Total	1,477,789,000

SHEEP AND WOOL IN UNITED STATES (1909).

State or territory.	Sheep of April 1.	Wool, washed and unwashed. Pounds.	Wool, scoured. Pounds.
Maine	210,000	1,260,000	756,000
New Hampshire	70,000	434,000	217,000
Vermont	180,000	1,170,000	573,300
Massachusetts	35,000	210,000	121,800
Rhode Island	7,500	39,750	23,055
Connecticut	38,000	190,000	110,200
New York	825,000	4,950,000	2,524,500
New Jersey	44,000	242,000	128,260
Pennsylvania	1,000,000	6,000,000	3,120,000
Delaware	6,900	39,675	21,821
Maryland	125,000	625,000	343,750
Virginia	365,000	1,642,500	1,018,350
West Virginia	587,945	3,380,684	1,724,149
North Carolina	204,000	816,000	473,280
South Carolina	50,000	200,000	116,000
Georgia	225,000	731,250	438,750
Florida	110,000	357,500	214,500
Ohio	2,500,000	16,500,000	7,920,000
Indiana	850,000	5,525,000	3,038,750
Illinois	700,000	4,725,000	2,315,250
Michigan	1,500,000	10,125,000	4,961,250
Wisconsin	850,000	5,525,000	2,873,000
Minnesota	375,000	2,531,250	1,290,938
Iowa	700,000	4,725,000	2,409,750
Missouri	873,860	5,680,090	2,953,647
North Dakota	275,000	1,787,500	715,000
South Dakota	650,000	4,225,000	1,690,000
Nebraska	275,000	1,787,500	677,250
Kansas	170,000	1,190,000	421,400
Kentucky	750,000	3,750,000	2,287,500
Tennessee	291,000	1,251,300	750,780
Alabama	170,000	552,500	331,500
Mississippi	150,000	600,000	348,000
Louisiana	155,000	573,500	332,630
Texas	1,325,000	8,943,750	3,040,875
Oklahoma	80,000	520,000	166,400
Arkansas	220,000	935,000	551,650
Montana	5,000,000	35,000,000	13,300,000
Wyoming	4,800,000	38,400,000	12,288,000
Colorado	1,450,000	9,860,000	3,451,000
New Mexico	825,000	5,197,500	1,819,125
Arizona	3,200,000	19,200,000	6,720,000
Utah	2,200,000	14,850,000	5,049,000
Nevada	875,000	6,562,500	2,034,375
Idaho	2,800,000	21,000,000	7,140,000
Washington	450,000	4,275,000	1,325,250
Oregon	1,850,000	15,725,000	4,874,750
California	1,900,000	13,300,000	4,522,000
United States	42,293,205	287,110,749	113,523,785
Pulled wool		41,000,000	28,700,000
Total product 1909		328,110,749	142,223,785

WORLD'S PRODUCTION OF COTTON FOR MILL USE.

[From report of United States census bureau.]

Country.	1909. Bales.*	1908. Bales.	1907. Bales.
United States	9,863,000	13,002,000	10,882,385
British India	3,602,000	2,914,000	2,444,800
Egypt	911,000	1,275,000	1,296,000
Russia	720,000	846,000	620,000
China	600,000	600,000	428,000
Brazil	360,000	425,000	370,000
Mexico	125,000	140,000	85,000
Peru	60,000	57,000	55,000
Turkey	32,000	80,000	80,000
Persia	90,000	50,000	51,000
Other countries	195,000	185,000	200,000
Total	16,558,000	19,574,000	16,512,185

*Net weight bales of 500 pounds.

WORLD'S PRODUCTION OF TEXTILE FIBERS (1908).

[From report of United States census bureau.]

Country.	Cotton. Pounds.	Wool. Pounds.	Silk. Pounds.	Flax. Pounds.	Hemp. Pounds.	Jute. Pounds.
United States	6,501,000,000	311,138,000	.....	.....	11,250,000	.....
Brazil	212,000,000	1,130,000	.....	.....	.....	.....
Argentina	.....	328,731,000	.....	.....	.....	.....
United kingdom	.....	133,088,000	.....	26,934,000	.....	.....
Russia	423,000,000	380,000,000	2,700,000	1,507,144,000	707,676,000	.....
France	.....	78,000,000	1,333,000	46,109,000	36,662,000	.....
Italy	.....	21,500,000	10,461,000	41,917,000	166,843,000	.....
Austria	.....	41,600,000	754,000	164,620,000	171,728,000	.....
Turkey	40,000,000	75,000,000	2,825,000	.....	.....	.....
British India	1,457,000,000	50,000,000	2,650,000	.....	73,764,000	2,524,000,000
Japan	.....	.....	20,000,000	.....	18,095,000	.....
China	300,000,000	42,253,000	34,500,000	.....	.....	.....
Egypt	638,000,000	3,000,000	.....	.....	.....	.....
British South Africa	.....	89,783,000	.....	.....	.....	.....
Australia	.....	552,157,000	.....	.....	.....	.....
New Zealand	.....	143,308,000	.....	.....	.....	.....
All other countries	216,000,000	366,953,000	3,277,000	59,511,000	2,851,000	.....
Total	9,787,000,000	2,617,641,000	78,500,000	1,846,235,000	1,188,869,000	2,524,000,000

COTTON PRODUCTION BY STATES (1909).

State.	Bales.	State.	Bales.
Alabama	1,065,377	Oklahoma	573,786
Arkansas	718,117	South Carolina	1,164,309
Florida	62,936	Tennessee	253,397
Georgia	1,901,830	Texas	2,554,520
Louisiana	269,573	Virginia	10,746
Mississippi	1,109,580		
Missouri	52,152	Total	10,386,209
North Carolina	649,886	Value	$812,089,833

WORLD'S COTTON SPINDLES AND MILL CONSUMPTION IN 1909.

[From report of United States census bureau.]

Country.	Spindles.	Bales.*
United States—		
Cotton-growing states	10,429,000	2,476,000
All other states	17,589,000	2,723,000
Europe—		
United kingdom	53,312,000	3,512,000
Germany	10,163,000	1,765,000
Russia	8,076,000	1,514,000
France	7,000,000	970,000
Italy	5,000,000	941,000
Austria-Hungary	4,352,000	795,000
Spain	1,900,000	327,000
Switzerland	1,497,000	110,000
Belgium	1,231,000	210,000
Portugal	451,000	62,000
Netherlands	425,000	85,000
Sweden	450,000	85,000
Denmark	78,000	23,000
Norway	76,000	11,000
Other European countries	220,000	75,000
British India	5,800,000	1,661,000
Japan	1,732,000	910,000
China	800,000	400,000
Brazil	1,000,000	375,000
Mexico	750,000	185,000
Canada	831,000	127,000
All other countries	215,000	55,000
Total	133,377,000	19,397,000

*The statistics for the United States, Russia, British India, Japan, Switzerland and Brazil represent bales of 500 pounds each.

PROGRESS OF THE UNITED STATES SINCE 1800.

[From table prepared by O. P. Austin of bureau of statistics, department of commerce and labor, Washington, D. C.]

	1800.	1850.	1880.	1900.	1905.	1906.	1909.
Area*.....sq. miles	827,844	2,980,959	3,026,789	3,026,789	3,026,789	3,026,789	3,026,789
Population	5,308,483	23,191,876	50,155,783	76,303,387	83,143,000	84,154,009	88,566,034
Wealth†.....dols.		7,135,780,000	42,642,000,000	94,300,000,000			
Debt.....dols.	82,976,294	63,452,774	1,919,326,748	1,107,711,258	989,866,772	964,435,687	913,317,490
Money in circulation..dols.	16,000,000	79,336,916	973,382,228	2,055,150,998	2,587,882,653	2,736,646,628	3,106,240,657
Deposits, bank‡.....dols.			2,134,234,861	7,238,986,450	11,350,739,316	12,215,767,666	14,108,039,417
Deposits, savings.....dols.		43,431,130	819,106,973	2,389,719,954	3,093,077,357	3,299,544,601	3,713,405,710
Farms, value†.....dols.		3,967,343,580	12,180,501,538	20,514,001,338			
Manufactures, value..dols.		1,019,106,616	5,369,579,191	13,039,279,566	14,802,147,087		
Receipts—Net ord.....dols.	10,848,749	43,592,889	333,526,501	567,240,852	544,274,685	594,454,122	603,589,490
Customs.....dols.	9,080,933	39,668,686	186,522,065	233,164,871	261,798,857	300,251,878	300,711,934
Internal revenue.....dols.	809,397		124,009,374	295,327,927	234,095,741	249,150,213	246,212,644
Expendit's—Net ord.....dols.	7,411,370	37,165,990	169,090,062	447,553,458	567,378,913	568,784,799	662,324,445
War.....dols.	2,560,879	9,687,025	38,116,916	134,774,768	122,175,074	117,946,892	161,067,462
Navy.....dols.	3,448,716	7,901,725	13,536,985	55,353,078	117,550,308	110,474,264	115,546,011
Pensions.....dols.	64,131	3,866,886	56,777,174	140,877,316	141,773,965	141,034,562	161,710,367
Imports, mdse.....dols.	91,252,768	173,509,526	667,954,746	849,941,184	1,117,513,071	1,226,562,446	1,311,920,224
Exports, mdse.....dols.	70,971,780	144,375,726	835,638,658	1,394,483,082	1,518,561,666	1,743,864,500	1,663,011,104
Production of gold.....dols.		50,000,000	36,000,000	79,171,000	88,180,700	94,373,800	99,232,200
Silver.....dols.		50,000	39,200,000	74,533,495	34,222,000	38,256,400	28,010,100
Coal.....tons		3,358,899	63,822,830	240,789,309	350,820,840	369,783,284	$371,288,123
Petroleum.....gallons			1,104,017,166	2,661,233,568	5,658,138,360	5,312,745,312	$7,542,044,118
Pig iron.....tons		563,755	3,835,191	13,789,242	22,992,380	25,307,191	25,795,471
Steel.....tons			1,247,335	10,188,329	20,023,947	23,398,136	$14,023,247
Copper.....tons			27,000	270,588	402,637	409,735	$420,791
Minerals, value.....dols.			369,319,000	1,063,678,053	1,623,877,120	1,902,517,565	$1,595,670,186
Wool.....lbs.		52,516,959	232,500,000	288,635,621	295,488,438	298,915,130	$328,110,749
Wheat.....bushels		100,485,944	498,549,868	522,229,506	692,979,489	735,260,970	$737,189,000
Corn.....bushels		592,071,104	1,717,434,543	2,105,102,516	2,707,993,540	2,927,416,091	$2,772,376,000
Cotton.....bales	155,556	2,333,718	5,761,252	9,436,416	13,565,885	11,345,988	10,386,209
Cane sugar.....tons		110,526	92,802	149,191	304,257	268,192	414,400
Railroads.....miles		9,051	93,267	194,262	217,341	222,635	240,839
Postoffices.....No.	903	18,417	42,989	76,688	68,131	65,600	60,144
Postoffice receipts.....dols.	280,804	5,499,985	33,315,479	102,354,579	152,826,585	167,932,782	203,562,383
Newspapers.....No.		2,526	9,723	20,806	23,146	22,326	22,603
Telegraph lines.....miles			291,213	1,159,618	1,490,744	1,582,962	1,639,329
Messages.....No.			31,703	79,696,227	91,403,282	96,987,146	91,394,876
Telephone lines.....miles			34,305	1,016,777	3,549,810	4,514,682	10,480,026
Telephones.....No.			54,319	1,580,101	4,480,564	5,698,258	8,338,648
Patents issued.....No.			13,947	26,499	30,399	31,965	37,420
Immigrants.....No.		369,980	457,257	448,572	1,026,499	1,100,735	751,786

*Exclusive of Alaska and insular possessions. †No official figures for other than census years. ‡All kinds. §In 1908. ‖Calendar year 1909.

UNITED STATES PASSPORT REGULATIONS.

Passports are issued to citizens of the United States upon application to the state department in Washington. The application must be accompanied by an affidavit, attested by a notary public or other officer empowered to administer oaths, stating that the applicant is a citizen and giving the place of birth and age, and it must be accompanied by the certificate of one other citizen to whom he is personally known that the declaration made by the applicant is true. The application must also be accompanied by a description of the person, particularly as to age, height, complexion, forehead, eyes, nose, mouth, chin, hair and face. Blank forms are furnished by the state department upon application. The fee for each passport is $1. Citizens traveling abroad may also in some cases obtain passports by applying to United States ambassadors and ministers. Where any person has made a declaration of intention to become a citizen of the United States and has resided in the United States for three years a passport valid for six months may be issued to him. This passport is not renewable and does not entitle the holder to the protection of this government in the country of which he was originally a citizen.

MONEY AND FINANCE.

WORLD'S PRODUCTION OF GOLD AND SILVER IN 1908.

Calendar year.

Country.	Gold.	Silver.
United States	$94,560,000	$28,050,600
Canada	9,342,100	11,824,600
Mexico	22,371,200	39,402,900
Africa	166,520,500	680,700
Australasia	73,327,300	9,187,000
Russia	28,052,200	70,700
Austria-Hungary	2,469,300	947,000
Germany	64,800	2,659,300
Norway		121,000
Sweden	14,500	19,100
Italy	46,500	361,000
Spain		2,233,600
Greece		443,400
Turkey	2,200	4,300
France	835,400	425,200
Great Britain	16,000	72,300
Servia	59,800	
Argentina	161,300	68,000
Bolivia-Chile	346,300	3,105,700
Colombia	3,427,300	735,500
Ecuador	350,300	12,100
Brazil	2,196,600	
Venezuela	24,500	56,000
Guiana, Br.	1,408,100	
Guiana, Dutch	663,000	
Guiana, Fr.	2,360,800	
Peru	514,500	5,116,900
Uruguay	91,600	
Central America	3,018,800	781,400
Japan	2,887,900	2,033,300
China	8,647,300	
Indo-China	31,800	
Korea	3,047,500	
Siam	327,600	
India, Brit.	10,598,500	
E. Indies, Br.	1,400,900	
E. Indies, Du.	2,245,800	272,800
Total	441,932,200	108,684,400

COINAGE OF GOLD AND SILVER BY NATIONS IN 1908.

[Reported by the director of the mint.]

Country.	Gold.	Silver.
United States	$131,638,633	$12,391,777
Philippines		11,199,868
Austria-Hungary	5,890,827	10,868,313
Belgium	105,185	
Bolivia		9,687
Brazil	69,331	2,888,288
Australasia	50,887,122	
Canada	3,299	313,338
Br. Honduras		81,108
Newfoundland		100,000
Gt. Britain	67,157,700	4,911,301
Guiana, Br.		2,433
Hongkong		1,945,726
India		58,773,220
Straits Set's.		6,929,500
China		24,498,653
Colombia		407,058
Denmark	3,912,084	
France	29,574,098	3,110,555
Indo-China		14,785,004
Tunis	498	116,499
Germany	15,660,469	13,834,116
German East Africa		162,217
Italy		1,288,730
Japan	10,371,704	8,459,796
Korea	423,640	935,071
Mexico	4,436,294	3,932,351
Netherlands	207,799	1,206,000
Du. E. Indies		1,809,000
Norway		155,440
Peru	704,207	152,869
Portugal		2,344,468
Russia	1,930	3,263,078
Roumania		2,315,289
Siam		47,560
Sweden		319,726
Switzerland	1,370,300	386,000
Turkey	4,708,265	748,707
Total	327,018,200	194,692,737

PRODUCT OF GOLD AND SILVER IN THE UNITED STATES (1792-1909).

[For 1792-1873 is by R. W. Raymond, commissioner, and since by the director of the mint.]

Period.	Gold.	Silver.	Total.
April 2, 1792-July 31, 1834	$14,000,000	Insignificant.	$14,000,000
July 31, 1834-Dec. 31, 1844	7,500,000	$250,000	7,750,000
1845-1850	103,036,769	200,000	103,336,769
1851-1860	551,000,000	1,100,000	552,100,000
1861-1870	474,250,000	100,750,000	575,000,000
1871-1880	395,300,000	360,300,000	755,600,000
1881-1890	326,620,000	535,056,000	861,676,000
1891	33,175,000	75,417,000	108,592,000
1892	33,000,000	82,101,000	115,101,000
1893	35,955,000	77,576,000	113,531,000
1894	39,500,000	64,000,000	103,500,000
1895	46,610,000	72,051,000	118,661,000
1896	$53,088,000	$76,069,000	$129,157,000
1897	57,363,000	69,637,000	127,000,000
1898	64,463,000	70,384,000	134,847,000
1899	71,053,000	70,806,000	141,859,000
1900	79,171,000	74,533,000	153,704,000
1901	78,667,000	71,388,000	150,055,000
1902	80,000,000	71,758,000	151,758,000
1903	73,591,700	70,206,000	143,797,700
1904	80,464,700	57,682,800	138,147,500
1905	88,180,700	34,222,000	122,402,700
1906	94,373,800	38,256,400	132,630,200
1907	90,435,700	37,299,700	127,735,400
1908	94,560,000	28,050,600	122,610,600
1909*	99,232,200	28,010,100	127,242,300

*Estimated.

WORLD'S PRODUCTION OF GOLD AND SILVER SINCE 1492.

[From report of the director of the mint, 1909.]

Calendar Years.	Gold	Silver (coining value).	Per cent gold.	Per cent silver.
1492—1520	$107,931,000	$54,703,000	66.4	33.6
1521—1544	114,205,000	98,986,000	55.9	44.1
1545—1560	90,492,000	207,240,000	30.4	69.6
1561—1580	90,917,000	248,990,000	26.7	73.3
1581—1600	98,095,000	348,254,000	22.0	78.0
1601—1620	113,248,000	351,579,000	24.4	75.6
1621—1640	110,324,000	327,221,000	25.2	74.8
1641—1660	116,571,000	304,525,000	27.7	72.3
1661—1680	123,048,000	280,166,000	30.5	69.5
1681—1700	143,088,000	284,240,000	33.5	66.5
1701—1720	170,406,000	295,629,000	36.6	63.4
1721—1740	253,611,000	358,480,000	41.4	58.6
1741—1760	327,161,000	443,232,000	42.5	57.5
1761—1780	275,211,000	542,658,000	33.7	66.3
1781—1800	236,464,000	730,810,000	24.4	75.6
1801—1810	118,152,000	371,677,000	24.1	75.9
1811—1820	76,063,000	224,786,000	25.3	74.0
1821—1830	$94,479,000	$191,444,000	33.0	67.8
1831—1840	134,841,000	247,930,000	35.2	64.1
1841—1850	363,928,000	324,400,000	52.9	47.7
1851—1855	662,566,000	184,169,000	78.3	21.9
1856—1860	670,415,000	188,092,000	78.1	21.1
1861—1865	614,944,000	228,861,000	72.9	27.0
1866—1870	648,071,000	278,313,000	70.0	30.5
1871—1875	577,883,000	409,332,000	58.5	41.0
1876—1880	572,931,000	509,256,000	53.0	47.5
1881—1885	495,582,000	594,773,000	45.5	54.5
1886—1890	564,474,000	704,074,000	44.5	55.6
1891—1895	814,736,000	1,018,708,000	44.4	55.4
1896—1900	1,286,505,400	1,071,148,400	54.6	45.8
1901—1905	1,610,309,700	1,006,848,300	60.2	39.9
1906	402,503,000	213,403,600	65.3	34.7
1907	412,532,900	238,149,900	63.4	36.6
1908	441,932,200	262,705,600	62.7	37.3

STOCK OF GOLD AND SILVER IN THE UNITED STATES.

Fiscal Year Ended June 30.	Population.	Total Coin and Bullion		Per Capita.		
		Gold.	Silver.	Gold.	Silver.	Total metallic
1873	41,677,000	$135,000,000	$6,149,305	$3.23	$0.15	$3.38
1880	50,155,783	351,841,206	148,522,678	7.01	2.96	9.97
1890	62,622,250	695,563,029	463,211,919	11.10	7.39	18.49
1900	76,891,000	1,034,439,264	647,371,030	13.45	8.42	21.87
1901	77,754,000	1,124,652,818	661,205,403	14.47	8.50	22.97
1902	79,117,000	1,192,395,607	670,540,105	15.07	8.48	23.55
1903	80,847,000	1,249,552,756	677,448,933	15.45	8.38	23.83
1904	81,867,000	1,327,672,672	682,383,277	16.21	8.33	24.55
1905	83,259,000	1,357,881,186	686,401,168	16.31	8.24	24.55
1906	84,662,000	1,472,995,209	687,958,920	17.40	8.12	25.52
1907	86,074,000	1,466,056,632	705,330,224	17.03	8.20	25.23
1908	87,496,000	1,615,140,575	723,594,595	18.46	8.27	26.73
1909	88,926,000	1,640,567,131	725,550,073	18.45	8.16	26.61

PRODUCT OF GOLD AND SILVER BY STATES AND TERRITORIES.

Approximate distribution, by producing states and territories, for the calendar year 1908 as estimated by the director of the mint.

State or Territory.	Gold.		Silver.		Total value (silver at commercial value)
	Fine ounces.	Value.	Fine ounces.	Commercial value.	
Alabama	1,993	$41,200	400	$300	$41,400
Alaska	960,669	19,858,800	204,600	109,400	19,968,200
Arizona	120,937	2,500,000	2,900,000	1,551,200	4,451,200
California	935,074	19,329,700	1,703,700	911,300	20,241,000
Colorado	1,106,385	22,871,000	10,150,200	5,429,400	28,300,400
Georgia	2,719	56,200	200	100	56,300
Idaho	69,829	1,443,500	7,558,300	4,042,900	5,486,400
Illinois	.....	.....	2,000	1,100	1,100
Michigan	.....	.....	294,100	157,300	157,300
Missouri	.....	.....	49,400	26,400	26,400
Montana	152,865	3,160,000	10,356,200	5,539,500	8,699,500
Nevada	565,475	11,689,400	9,508,500	5,086,100	16,775,500
New Hampshire	179	3,700	6,300	3,400	7,100
New Mexico	14,817	306,300	400,900	214,500	520,800
North Carolina	4,716	97,500	1,300	700	98,200
Oregon	43,823	905,900	56,100	30,000	935,900
Philippines	13,763	284,500	1,300	700	285,200
Porto Rico	29	600	.....	.....	600
South Carolina	2,598	53,700	200	100	53,800
South Dakota	374,529	7,742,200	197,300	105,500	7,847,700
Tennessee	179	3,700	60,900	32,600	36,300
Texas	24	500	447,000	239,100	239,600
Utah	190,922	3,946,700	8,451,300	4,520,600	8,467,300
Virginia	174	3,600	300	200	3,800
Washington	12,273	253,700	86,800	46,400	300,100
Wyoming	368	7,600	3,500	1,900	9,500
Total	4,574,340	94,560,000	52,440,800	28,050,600	122,610,600

PRICE OF BAR SILVER IN LONDON.

Highest, lowest and average price of bar silver per ounce British standard (.925) since 1870 and the equivalent in United States gold coin of an ounce 1,000 fine, taken at the average price.

Calendar Year.	Lowest quotation.	Highest quotation.	Average quotation.	Value of a fine ounce at average quotat'n	Calendar Year.	Lowest quotation.	Highest quotation.	Average quotation.	Value of a fine ounce at average quotat'n
	d.	d.	d.			d.	d.	d.	
1870	60¼	60¾	60 9-16	$1.328	1890	43⅝	45⅝	47¾	$1.04633
1871	60 3-16	61	60½	1.326	1891	43½	48¾	45 1-16	.98782
1872	59¼	61⅛	60 5-16	1.322	1892	37⅞	43¾	39¾	.87106
1873	57⅞	59 15-16	59¼	1.298	1893	30⅝	38¾	35 9-16	.78031
1874	57¼	59⅛	58 5-16	1.278	1894	27	31¾	28 7-16	.63479
1875	55⅛	57⅝	56⅞	1.246	1895	27 3-16	31¾	29⅞	.65406
1876	46¾	58½	52¾	1.156	1896	29¾	31 15-16	30¾	.67437
1877	53¾	58¼	54 13-16	1.201	1897	23⅝	29 13-16	27 9-16	.60462
1878	49⅛	55¾	52 9-16	1.152	1898	25	28⅛	26 15-16	.59010
1879	48⅞	53¾	51¼	1.123	1899	26⅝	29	27 7-16	.60154
1880	51⅝	52⅞	52¼	1.145	1900	27	30¼	28 5-16	.62007
1881	50⅞	52⅛	51 15-16	1.138	1901	24 15-16	29 9-16	27 3-16	.59595
1882	50	52⅝	51 13-16	1.136	1902	21 11-16	26 1-16	24 1-16	.52795
1883	50	51 3-16	50⅝	1.110	1903	21 11-16	28⅛	24¾	.54257
1884	49¼	51⅜	50¾	1.112	1904	24 7-16	28 9-16	26 13-32	.57876
1885	46⅞	50	48 9-16	1.0645	1905	25 7-16	30 5-16	27 27-32	.61027
1886	42	47	45⅜	.9946	1906	29	33⅛	30⅞	.67689
1887	43¼	47⅛	44⅝	.97823	1907	24¼	32 7-16	30 5-16	.66152
1888	41⅝	44 9-16	42⅞	.93897	1908	22	27	24 13-32	.53490
1889	42	44⅜	41 11-16	.93512	1909	22	24 13-16	23.7024	.52005

MONEY OF THE WORLD (JAN. 1, 1909).

Monetary systems and approximate stocks of money in the principal countries of the world as reported by the director of the mint.

COUNTRY.	Monetary standard.	Monetary unit.	Value in terms of U.S. gold dollar.	Population in millions.	Gold in millions of dollars.	Silver in millions of dollars.	Uncovered paper in millions of dollars.	PER CAPITA. Gold.	Silver	Paper.	Total.
United States	Gold	Dollar	1.000	86.8	1,612.7	715.0	779.5	$18.58	$8.23	$8.98	$35.79
Austria-Hungary	Gold	Crown	.203	49.9	303.1	104.2	131.4	6.07	2.09	2.63	10.79
Belgium	Gold	Franc	.193	7.2	30.8	38.1	129.4	4.28	5.29	17.97	24.54
Australasia	Gold	Pound sterling	4.86⅔	4.8	159.3	10.0	‡	33.19	2.08	.....	35.27
Canada	Gold	Dollar	1.000	6.0	66.3	6.7	61.2	11.05	1.12	10.20	22.37
United kingdom	Gold	Pound sterling	4.86⅔	44.6	564.5	116.8	117.4	12.65	2.62	2.63	17.90
India	Gold	Pound sterling	4.86⅔	295.2	113.2	890 0	38.9	.38	2.81	.13	3.32
South Africa	Gold	Pound sterling	4.86⅔	7.7	48.6	20.0	‡	6.31	2.59	.....	8.90
Straits Settlements*	Silver	Dollar	.567	5.4	1.5	28.9	9.4	.28	5.35	1.74	7.37
Bulgaria	Gold	Lev	.194	4.0	7.2	3.2	2.9	1.80	.80	.72	3.32
Cuba	Gold	Peseta	.910	2.0	38.2	5.0	‡	19.10	2.50	.....	21.60
Denmark	Gold	Crown	.268	2.6	18.4	6.2	14.5	7.08	2.38	5.58	15.04
Egypt	Gold	Piaster	.049	11.2	140.0	15.0	‡	12.50	1.34	.....	13.84
Finland	Gold	Markkaa	.193	2.9	4.9	.3	13.1	1.69	.10	4.52	6.31
France	Gold	Franc	.193	39.3	926.4	411.1	261.4	23.57	10.46	6.65	40.68
Germany	Gold	Mark	.238	60.6	1,044.4	225.5	277.1	17.23	3.69	4.57	25.49
Greece	Gold	Drachma	.193	2.6	.6	.5	39.6	.23	.19	15.23	15.65
Haiti	Gold	Gourde	.965	1.5	1.0	2.5	7.2	.67	1.66	4.80	7.13
Italy	Gold	Lira	.193	33.7	258.2	41.6	160.4	7.66	1.23	4.76	13.65
Japan	Gold	Yen	.498	52.3	95.8	54.4	103.7	1.83	1.04	1.98	4.85
Mexico	Gold	Peso	.498	13.6	46.8	56.8	51.2	3.44	4.18	3.76	11.38
Netherlands	Gold	Florin	.402	5.7	43.7	53.4	50.6	7.67	9.37	8.87	25.91
Norway	Gold	Crown	.268	2.3	11.9	3.1	6.7	5.17	1.35	2.91	9.43
Portugal	Gold	Milreis	1.080	5.4	8.6	33.4	61.2	1.59	6.19	11.33	19.11
Roumania	Gold	Leu	.193	6.7	18.7	.2	34.2	2.79	.03	5.10	7.92
Russia	Gold	Ruble	.515	143.4	917.3	78.1	‡	6.4⁰	.54	.....	6.94
Servia	Gold	Dinar	.193	2.7	4.9	4.6	1.5	1.81	1.70	.56	4.07
Siam	Gold	Tical	5.000	6.1	.1	45.0	2.1	.02	7.37	.34	7.73
Argentina	Gold	Peso	.965	6.0	139.8	‡	239.6	23.30	.....	39.93	63.23
Bolivia	Silver	Boliviano	.499	2.2	.4	.3	‡	.18	1.73	.....	1.91
Brazil	Gold	Milreis	.546	18.0	50.6	25.0	406.2	2.81	1.39	22.56	26.76
Chile	Gold	Peso	.365	3.4	36.5	6.7	42.3	10.74	1.97	12.44	25.15
Colombia	Gold	Dollar	1.000	4.5	.1	‡	1000.0	.02	.....	222.22	222.24
Ecuador	Gold	Sucre	.487	1.3	3.7	1.4	1.9	2.85	1.07	1.46	5.38
Guiana (British)	Gold	Pound sterling	4.86⅔	.3	.1	.1	.6	.33	.33	2.00	2.66
Guiana (Dutch)	Gold	Florin	.402	.1	‡	.2	.2	.....	2.00	2.00	4.00
Guiana (French)	Gold	Franc	.193	.1	‡	‡	.6	.....	.....	6.00	6.00
Paraguay	Gold	Peso	.965	.7	.1	‡	35.0	.14	.....	50.0⁰	50.14
Peru	Gold	Sol	.490	4.6	6.8	2.4	‡	1.48	.52	.....	2.00
Uruguay	Gold	Peso	1.034	1.1	15.5	4.3	1.7	14.09	3.91	1.54	19.54
Venezuela	Gold	Bolivar	.193	2.6	.3	.7	‡	.11	.27	.....	.38
Spain	Gold	Peseta	.193	19.6	87 8	173.7	99.1	4.48	8.26	5.05	18.39
Sweden	Gold	Crown	.268	5.3	22.2	8.3	32.1	4.19	1.57	6.05	11.81
Switzerland	Gold	Franc	.193	3.5	29 0	11.6	26.2	8.28	3.31	7.49	19.08
Turkey	Gold	Piaster	.044	24.0	131.9	27.5	‡	5.50	1.14	.....	6.64
Central Am. states†	Silver	Peso	.499	4.7	2.7	7.4	62.4	.57	1.57	13.28	15.42
China	Silver	Tael	.792	330.1	‡	350.0	‡	.....	1.06	.....	1.06
Total				1338.3	7,014.6	3,530.7	4,302.5	5.24	2.64	3.21	11.09

*Includes the Malay states, Ceylon and Johore. †Except Costa Rica and British Honduras, gold-standard countries. ‡No information.

COINAGE OF GOLD AND SILVER OF THE WORLD (1897-1908).

CALENDAR YEAR.	GOLD. Fine ounces.	GOLD. Value.	SILVER. Fine ounces.	SILVER. Coining value.	CALENDAR YEAR.	GOLD. Fine ounces.	GOLD. Value.	SILVER. Fine ounces.	SILVER. Coining value.
1897	21,174,850	$437,719,345	129,775,082	$167,760,297	1903	11,634,007	$240,496,274	161,159,508	$208,367,849
1898	19,131,244	395,477,905	115,461,020	149,282,935	1904	22,031,285	455,427,085	145,332,335	172,270,379
1899	22,548,101	466,110,614	128,566,167	166,226,964	1905	11,898,037	245 954,257	73,371,385	103,880,205
1900	17,170,053	354,936,497	136,907,643	177,011,902	1906	17,721,058	366,330,450	120,339,501	155,590,466
1901	12,001,537	248,083,787	107,439,666	138,911,891	1907	19,921,014	411,803,902	171,434,608	221,652,82⁰
1902	10,662,098	220,405,125	149,826,725	193,715,362	1908	15,819,505	327,018,200	150,582,964	194,692,73⁷

GOLD AND SILVER COINAGE OF THE UNITED STATES.

By calendar years.

YEAR.	Gold.	Silver.	YEAR.	Gold.	Silver.	YEAR.	Gold.	Silver.	YEAR.	Gold.	Silver.
1874	$35,254,630	$6,861,777	1883	$29,241,900	$29 246,968	1892	$34,787,223	$12,641,078	1901	$101,735,188	$30,838,461
1875	32,951,940	15,347,893	1884	23,991,756	28 534,866	1893	56,997,020	8,802,797	1902	47,184,932	30,028,167
1876	46,579,453	24,503,308	1885	27,773,012	28,962,176	1894	79,546,160	9,200,351	1903	43,683,970	19,874,440
1877	43,999,864	28,393,045	1886	28,945,542	32,086,709	1895	59,616,358	5,638,010	1904	233,402,428	15,696,610
1878	49,786,052	28,518,850	1887	23,972,385	35,191,081	1896	47,053,060	23,089,899	1905	49,638,441	6,332,181
1879	39,080,080	27,569,776	1888	31,380,808	33,025,606	1897	76,028,485	18,487,207	1906	77,538,045	10,651,087
1880	62,308,279	27,411,694	1889	21,413,931	35,496,683	1898	77,985,757	23,094,033	1907	131,907,490	13,178,435
1881	96,850,080	27,940,164	1890	20,467,182	39,202,908	1899	111,344,220	26,061,520	1908	131,638,632	12,391,777
1882	65,887,685	27,973,132	1891	29,222,005	27,518,858	1900	99,272,942	36,295,321	1909	88,776,907	8,087,852

BULLION VALUE OF 371¼ GRAINS OF PURE SILVER AT THE ANNUAL AVERAGE PRICE OF SILVER.

Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.	Year.	Value.
1860	$1.045	1877	$0.929	1884	$0.859	1891	$0.764	1898	$0.456	1904	$0.447
1870	1.027	1878	.892	1885	.823	1892	.674	1899	.465	1905	.472
1872	1.022	1879	.869	1886	.769	1893	.603	1900	.479	1906	.523
1873	1.006	1880	.885	1887	.757	1894	.490	1901	.460	1907	.511
1874	.989	1881	.875	1888	.726	1895	.505	1902	.408	1908	.414
1875	.960	1882	.878	1889	.723	1896	.522	1903	.419	1909	.402
1876	.900	1883	.857	1890	.809	1897	.467				

COMMERCIAL RATIO OF SILVER TO GOLD.

Year.	Ratio.	Year.	Ratio.	Year.	Ratio.	Year.	Ratio.	Year.	Ratio.	Year.	Ratio.
1700	14.81	1830	15.82	1869	15.60	1880	18.05	1890	19.76	1900	33.33
1720	15.04	1850	15.70	1870	15.57	1881	18.16	1891	20.92	1901	34.68
1740	14.94	1860	15.29	1871	15.57	1882	18.19	1892	23.72	1902	39.15
1750	14.55	1861	15.50	1872	15.63	1883	18.64	1893	26.49	1903	38.10
1760	14.14	1862	15.35	1873	15.92	1884	18.57	1894	32.56	1904	35.70
1770	14.62	1863	15.37	1874	16.17	1885	19.41	1895	31.60	1905	33.87
1780	14.72	1864	15.37	1875	16.59	1886	20.78	1896	30.59	1906	30.54
1790	15.04	1865	15.44	1876	17.88	1887	21.13	1897	34.20	1907	31.24
1800	15.68	1866	15.43	1877	17.22	1888	21.99	1898	35.03	1908	38.64
1810	15.77	1867	15.57	1878	17.94	1889	22.10	1899	34.36	1909	39.74
1820	15.62	1868	15.59	1879	18.40						

VALUES OF RARE AMERICAN COINS.

The prices given are those quoted for the rarest of each denomination by dealers in New York and Chicago:

GOLD COINS.

Date.	Value.
TEN DOLLARS—EAGLE.	
1797 (small eagle)	$20 to $22
1798	20 to 25
FIVE DOLLARS—HALF-EAGLE.	
1795 (small eagle)	$6 to $8
1795 (large eagle)	15 to 18
1796	7 to 10
1797 (small eagle)	12 to 15
1797 (large eagle)	15 to 20
1798 (small eagle)	20 to 30
1815	75 to 100
1819	10 to 15
1820	8 to 10
1821	10 to 15
1822	100 to 150
1823	8 to 10
1824	16 to 20
1825	9 to 14
1826	10 to 15
1827	9 to 14
1828	$15 to $20
1829	15 to 18
1829 (new type)	17 to 20
1830	8 to 12
1831	8 to 12
1832	9 to 14
1833	7 to 10
FOUR DOLLARS.	
1879	$12 to $15
1880	20 to 25
THREE DOLLARS.	
1875	$20 to $30
Any date	3.55
QUARTER-EAGLE ($2.50).	
1796 (with stars)	$12 to $18
1797	10 to 15
1826	15 to 20
ONE DOLLAR.	
1864	$5 to $8
1875	8 to 12
Any date	1.60

SILVER COINS.

Date.	Value.
DOLLARS.	
1794	$20 to $40
1838 (flying eagle)	30 to 50
1839 (flying eagle)	25 to 35
1851	$20 to $30
1852	20 to 30
1858	15 to 20
HALF-DOLLARS.	
1796	$20 to $35
1797	15 to 25
1838 (mint mark "O" bet. date and bust)	15 to 30
1853 (without arrow heads at date)	20 to 30
QUARTER-DOLLARS.	
1823	$20 to $30
1827	30 to 50
1893 Col. (Isabella)	40c
TWENTY-CENT PIECES.	
1874	$2 to $4
1877	1 to 2
DIMES.	
1797	$2.00 to $4.00
1800	2.00 to 3.50
1802	$2.00 to $4.00
1804	5.00 to 10.00
THREE-CENT PIECES.	
1864	$1.00 to $1.50
HALF-DIMES.	
1794	$1.50 to $3.00
1796	1.50 to 2.50
1802	20.00 to 40.00
1805	2.00 to 3.00

NICKEL COINS.

Date.	Value.
FIVE-CENT PIECES.	
1877	.75 to $1.00
THREE-CENT PIECES.	
1877	.50 to $1.00

COPPER COINS.

Date.	Value.
TWO-CENT PIECES.	
1873	$1 to $2
CENTS.	
1793	$1 to $5
1799	4 to 15
1804	3 to 10
HALF-CENTS.	
1793	.50 to $3
1796	5.00 to 25
1802	.50 to 2
1831	3.00 to 10
1836	$4.00 to $8
1840	2.00 to 7
1841	2.00 to 7
1842	3.00 to 10
1843	2.00 to 7
1844	2.00 to 7
1845	2.00 to 7
1846	2.00 to 10
1847	4.00 to 12
1848	3.00 to 10
1849 (small date)	2.50 to 8
1852	2.00 to 6

HIGHEST POINT IN EACH STATE.

[Compiled by N. H. Darton of the United States geological survey.]

State and place.	Elevation.	State and place.	Elevation.
Alabama, Che-aw-ha mountain	2,407	Montana, Granite peak	12,834
Alaska, Mount McKinley	20,300	Nebraska, plains in southwestern corner	5,390
Arizona, San Francisco peak	12,611	Nevada, Wheeler peak	13,058
Arkansas, Magazine mountain	2,800	New Hampshire, Mount Washington	6,290
California, Mount Whitney	14,501	New Jersey, High Point	1,809
Colorado, Mount Elbert	14,436	New Mexico, peak near Truchas peak	13,306
Connecticut, Bear mountain	2,355	New York, Mount Marcy	5,344
Delaware, near Brandywine	440	North Carolina, Mount Mitchell	6,711
District of Columbia, Fort Reno	421	North Dakota, south part of Bowman county	3,500
Florida, near Mount Pleasant station	301	Ohio, 1½ miles east of Bellefontaine	1,540
Georgia, Brasstown Bald mountain	4,768	Oklahoma, near Kenton	4,700
Idaho, Hyndman peak	12,078	Oregon, Mount Hood	11,225
Illinois, Charles mound, Jo Daviess county	1,257	Pennsylvania, Blue Knob	3,136
Indiana, near summit Randolph county	1,285	Rhode Island, Durfee hill	805
Iowa, five miles southeast of Sibley	1,670	South Carolina, Sassafras mountain	3,548
Kansas, west boundary no. of Arkansas river	4,135	South Dakota, Harney peak	7,240
Kentucky, The Double, Harlem county	4,100	Tennessee, Mount Guyot	6,636
Louisiana, summits in western parishes	400	Texas, El Capitan, Guadaloupe mountain	8,690
Maine, Mount Katahdin (west)	5,268	Utah, Mount Emmons	13,428
Maryland, Backbone mountain	3,400	Vermont, Mount Mansfield	4,406
Massachusetts, Mount Greylock	3,505	Virginia, Mount Rogers	5,719
Michigan, Porcupine mountain	2,023	Washington, Mount Rainier	14,363
Minnesota, Misquah hills, Cook county	2,230	West Virginia, Spruce Knob	4,860
Mississippi, near Holly Springs	602	Wisconsin, Rib hill, Marathon county	1,940
Missouri, Tom Sauk mountain	1,890	Wyoming, Mount Gannett	13,785

BANKING STATISTICS.

[From reports of the comptroller of the currency.]

NATIONAL BANKS OF THE UNITED STATES.

SIX MONTHS ENDING—	Banks.	Capital.	Surplus.	Total dividends.	Net earnings.	RATIOS. Dividends to capital.	Dividends to capital and surplus.	Earnings to capit'l and s'rpl's.
1900, Mar. 1	3,587	$604,756,505	$253,475,898	$24,228,936	$40,151,038	4.01	2.82	4.68
Sept. 1	3,632	613,053,635	250,914,856	23,766,088	47,142,447	3.88	2.75	5.46
1901, Mar. 1	3,909	631,979,492	265,470,791	26,414,956	40,548,375	4.18	2.94	4.52
Sept. 1	4,030	639,043,080	271,432,304	26,201,822	41,305,420	4.10	2.88	4.54
1902, Mar. 1	4,232	680,173,259	299,814,593	39,517,620	57,797,747	5.80	4.03	5.90
Sept. 1	4,306	667,354,275	305,211,716	28,681,874	48,783,730	4.30	2.95	5.02
1903, Mar. 1	4,596	710,281,395	343,713,237	31,441,748	53,959,990	4.43	2.98	5.12
Sept. 1	4,805	735,314,217	362,497,812	32,124,099	55,921,540	4.37	2.93	5.09
1904, Mar. 1	5,024	757,416,659	382,605,619	41,516,024	60,553,595	5.48	3.64	5.31
Sept. 1	5,244	765,948,330	398,299,071	34,072,866	52,382,832	4.45	2.93	4.50
1905, Mar. 1	5,429	770,280,133	406,362,709	36,923,456	52,813,322	4.79	3.14	4.49
Sept. 1	5,582	782,071,020	408,923,609	36,214,718	53,096,063	4.63	3.04	4.46
1906, Mar. 1	5,787	777,017,473	420,675,515	44,616,843	60,566,466	5.06	3.73	5.74
Sept 1	5,966	825,635,706	460,557,864	44,648,006	66,960,370	5.41	3.47	5.21
1907. Jan. 1*	5,780	816,428,634	506,685,707	51,281,258	75,371,556	6.28	3.88	5.70
July 1	6,306	868,943,244	538,079,788	48,446,981	76,863,878	5.58	3.44	5.46
1908, Jan. 1	6,467	886,631,425	538,858,424	43,883,151	65,088,795	4.95	3.08	4.57
July 1	6,432	901,232,595	558,842,528	53,453,131	66,246,493	5.93	3.66	4.54
1909. Jan. 1	6,779	919,158,875	579,904,988	47,086,082	65,100,767	5.12	3.14	4.34
July 1	6,797	919,136,775	590,909,979	45,907,368	66,084,983	4.99	3.04	4.38

*Sept. 1, 1906, to Jan. 1, 1907.

PRINCIPAL FOREIGN BANKS OF ISSUE.

Capital, specie, circulating notes and individual deposits on or about June 30, 1908. Amounts expressed in millions of dollars. From report of comptroller of currency.

BANKS.	Capital.	Specie.	Circulation	Deposits	BANKS.	Capital.	Specie.	Circulation	Deposits
Imperial Bank of Germany	28.9	257.9	448.1	153.7	National Bank of Servia	1.1	3.2	6.5	.1
Banks of issue of Germany	15.8	14.7	35.5	18.3	Royal Bank of Sweden	86.5	21.2	52.8	14.0
Bank of Austria-Hungary	41.9	305.1	395.4	35.0	Nat'l Bank of Switzerland	44.9	19.7	29.2	4.5
National Bank of Belgium	9.6	30.6	143.9	15.2	Banks of issue of Switzerland	.....	9.1	19.8	238.6
National Bank of Bulgaria	.....	7.8	10.4	17.8	Imperial Ottoman bank	24.0	20.0	4.8	52.7
National Bank of Denmark	.....	22.3	36.1	1.3	Banks of Argentina	.....	124.5	124.5	.....
Bank of Spain	28.9	213.0	308.6	97.4	Bank of Japan	15.0	79.1	150.8	5.0
Bank of France	35.2	814.5	938.3	124.8	Bank of Algiers	.....	10.8	2.5	2.3
National Bank of Greece	3.9	.4	24.7	28.9	Total	426.6	2,885.3	3,918.5	1,054.9
Bank of Italy	28.9	201.3	274.2	39.7					
Bank of Naples	11.6	40.1	75.0	17.7	Banks of united kingdom	1,035.4	2,151.7	296.8	7,607.0
Bank of Sicily	.....	11.1	18.6	8.2	Banks of Mexico	88.0	88.6	55.4	127.4
Bank of Norway	3.5	7.2	22.7	1.3	Banks of Canada	96.1	87.8	76.2	676.6
Bank of Netherlands	.....	60.3	107.2	3.1	Banks of Australasia	87.9	212.8	26.4	759.5
Bank of Portugal	14.6	10.4	76.8	2.8	Banks of Central and South America	128.6	143.0	29.2	373.0
Nation'l Bank of Roumania	2.9	18.3	49.5	.....					
Bank of England	.....	*197.0	*144.9	*250.8	Banks of Japan†	201.9	71.6	12.2	700.8
Banks of Scotland	.....	*30.1	*36.5	.....					
Banks of Ireland	.....	*17.4	*32.1	.....	Total	1,638.1	2,705.7	496.4	10,243.9
Imperial Bank of Russia	27.5	576.8	543.1	107.5					
Bank of Finland	1.9	5.0	18.6	4.0	Grand total	2,064.7	5,591.1	4,414.9	11,298.8

*Not included in total. †Exclusive of Bank of Japan.

FOREIGN POSTAL SAVINGS BANKS STATISTICS (1908).

Country.	Depositors.	Deposits.	Av. deposit.	Country.	Depositors.	Deposits.	Av. deposit.
Austria	2,106,539	$46,009,897	$21.84	Fedratd. Malay states	3,739	$393,863	$105.34
Belgium	2,200,541	141,711,824	64.40	Dutch East Indies*	56,464	2,845,861	50.40
Bulgaria*	201,956	6,495,913	166.66	Japan†	8,815,436	53,070,016	6.02
Finland*	60,007	1,410,610	23.51	Formosa	78,879	882,921	11.19
France	5,291,673	296,964,867	55.12	Cape of Good Hope	101,533	10,343,172	101.87
Hungary*	648,652	18,044,000	27.82	Gold Coast	1,747	100,620	57.59
Italy	4,981,920	290,808,886	58.37	Orange River Colony	6,826	807,679	118.32
Netherlands	1,401,670	59,499,168	42.45	Rhodesia	1,911	259,818	135.96
Russia*	1,788,990	128,873,169	72.04	Sierra Leone	5,640	389,057	69.00
Sweden	560,270	12,441,249	22.21	Transvaal	55,105	7,175,912	130.22
United Kingdom	11,018,251	781,794,533	70.95	Egypt	86,728	1,986,755	22.91
Bahamas	2,297	153,918	67.01	Tunis	5,620	1,172,050	208.55
Canada†	155,895	45,190,484	289.88	New South Wales	309,982	58,976,004	190.25
British Guiana	13,606	411,360	30.23	Philippines†	8,782	724,479	82.50
Dutch Guiana*	7,214	280,162	38.83	Victoria	511,581	65,350,652	127.74
Curacao*	3,250	52,143	16.04	Queensland	100,324	23,953,334	238.76
British India	1,262,763	49,253,632	39.00	Tasmania	20,084	2,881,484	143.45
Ceylon	74,964	714,135	9.53	Western Australia	72,178	14,042,106	194.55
Straits Settlements	4,017	367,195	91.41	New Zealand	342,07?	59,173,204	172.98

*In 1907. †In 1909.

SAVINGS BANKS OF THE UNITED STATES.

States, Etc.	1908 (1,453 banks). Banks.	Depositors.	Deposits.	Average.*	1909 (1,703 banks). Banks.	Depositors.	Deposits.	Average.*
Alabama					10	13,320	$2,019,713	$151.63
Arkansas					6	5,213	1,157,132	221.97
California	133	451,155	$254,695,083	$564.54	131	443,334	250,915,737	565.97
Colorado	8	10,775	3,351,285	311.00	10	17,304	3,895,021	225.00
Connecticut	87	539,873	256,372,062	473.75	88	544,664	257,696,998	473.13
Delaware	2	31,396	8,830,296	281.25	2	25,380	9,139,660	360.11
District of Columbia	11	46,871	6,054,480	129.17	12	54,069	11,101,117	205.31
Florida	3	4,209	844,632	200.00	4	6,295	1,168,191	185.57
Georgia					18	35,163	7,832,232	222.74
Idaho					4	1,217	336,486	276.48
Illinois		617,782	181,361,054	293.57	†			
Indiana	5	31,393	11,431,050	364.13	5	32,039	10,917,991	340.77
Iowa	571	364,523	132,748,558	364.17	572	373,906	136,958,093	366.29
Kansas					14	20,080	3,552,705	176.92
Kentucky					11	17,314	1,996,555	115.31
Louisiana					9	60,887	16,492,182	269.81
Maine	52	225,346	85,502,202	379.43	52	226,861	87,677,256	386.48
Maryland	17	213,524	78,469,584	367.50	48	247,445	89,961,898	363.56
Massachusetts	189	1,971,644	706,940,596	358.55	189	2,002,010	728,224,477	363.74
Michigan					15	76,129	31,292,354	411.04
Minnesota	14	91,718	21,799,456	237.68	11	92,544	22,503,157	243.16
Mississippi					12	7,640	2,047,271	267.96
Montana					3	4,067	3,368,991	828.37
Nebraska	11	14,862	2,160,715	145.32	11	16,846	3,261,165	193.58
New Hampshire	61	186,610	81,639,166	437.49	55	178,440	79,599,247	446.08
New Jersey	26	282,014	92,631,487	328.76	28	297,926	98,549,807	330.78
New Mexico					4	1,575	409,513	260.00
New York	137	2,719,598	1,378,232,780	506.78	137	2,760,343	1,405,779,068	509.28
North Carolina	22	36,492	5,760,337	157.85	24	44,783	7,349,823	164.12
Ohio	3	99,668	53,930,291	541.10	44	321,809	103,966,943	323.07
Oregon					6	3,339	1,890,229	566.10
Pennsylvania	14	452,638	160,638,670	354.89	11	452,487	166,095,385	367.07
Rhode Island	15	121,561	66,590,142	547.79	18	130,231	69,308,516	532.19
South Carolina	18	21,698	7,891,789	363.71	28	30,476	9,550,910	313.39
South Dakota					12	7,737	1,750,544	226.25
Tennessee					27	48,003	14,039,136	292.46
Utah					3	29,195	8,544,649	292.67
Vermont	48	159,841	60,493,737	378.76	21	104,620	39,442,734	377.00
Virginia					22	33,349	9,583,958	287.38
Washington					11	14,685	4,507,943	306.97
West Virginia	1	4,858	1,099,489	226.32	11	42,189	8,195,003	194.24
Wisconsin	2	5,799	1,085,014	187.10	3	6,249	1,146,807	183.51
Wyoming					1	700	22,211,300	317.30
Total	1,453	8,705,848	3,660,553,945	420.47	1,703	8,831,863	3,713,405,710	420.45

*To each depositor. †Included in reports of the comptroller of the currency in abstract of state | banks having savings departments.

GROWTH OF BANKING IN THE UNITED STATES.

Banks.	No.	Capital. Amount.	Capital. Per cent	Individual Deposits. Amount.	Individual Deposits. Per cent
1900—					
National	3,732	$621,536,461	54.00	$2,458,092,758	31.97
State, etc.	6,650	403,192,214	46.00	4,780,893,692	68.03
Reporting capital only	3,595	126,000,000		450,000,000	
Total	13,977	1,150,728,675	100.00	7,688,986,450	100.00
1909—					
National	6,893	933,979,903	50.32	4,826,060,384	33.45
State, etc.	15,598	866,056,465	49.68	9,209,462,780	66.55
Nonreporting	3,021	55,951,000		389,700,000	
Total	25,512	1,855,987,368	100.00	14,425,223,164	100.00

BANKING POWER OF THE UNITED STATES (1909).

Classification.	No.	Capital.	Surplus, etc.	Deposits.	Circulation.	Total.
National banks	6,803	$933,979,903	$795,077,107	*$4,896,462,203	$636,367,526	$7,261,886,739
State, etc., banks	15,598	866,056,465	1,069,548,321	9,209,462,780	.....	11,115,067,566
Nonreporting banks	3,021	55,951,000	27,975,500	389,700,000	.....	473,626,500
Total	25,512	1,855,987,368	1,862,600,928	14,495,624,983	636,367,526	18,850,580,805

*Includes government deposits

SAVINGS BANKS OF THE WORLD.

(Including postal savings banks.)

Country.	Year.	Deposits.	Average.*	Country.	Year.	Deposits.	Average.*
Austria	1907	$1,149,655,215	$41.40	Egypt	1908	$1,986,755	$0.18
Belgium	1908	171,044,463	23.63	France	1907	961,355,347	24.48
Bulgaria	1907	6,495,913	1.59	Germany	1906	3,191,882,000	51.79
Chile	1908	22,876,142	6.73	Hungary	1907	395,072,672	19.11
Denmark	1908	193,791,394	72.88	Italy	1907	667,645,797	19.69

Country.	Year.	Deposits.	Average.*
Japan	1908	$99,289,016	$2.01
Netherlands	1908	97,538,601	16.85
Norway	1908	121,152,346	51.49
Roumania	1909	11,611,420	1.71
Russia	1909	623,820,633	4.15
Finland	1907	38,602,900	13.16
Spain	1908	40,237,022	2.04
Sweden	1908	203,673,035	37.51
Switzerland	1909	$279,848,800	$78.63
United Kingdom	1908	1,033,470,204	23.08
Canada	1909	58,483,656	8.14
Total foreign†		9,769,256,405	11.94
United States	1909	3,713,405,709	41.87

*Per inhabitant. †Includes colonies not named in table.

SAVINGS DEPOSITS IN NATIONAL BANKS.

June 30, 1910.

State	Banks.	No. with savings deposits.	Savings deposits.
Maine	72	42	$17,615,436.71
New Hampshire	58	11	912,133.23
Vermont	50	28	6,987,424.34
Massachusetts	192	28	9,505,770.40
Rhode Island	22	5	3,804,032.36
Connecticut	79	5	1,115,708.88
New England states	473	119	39,940,505.92
New York	447	194	61,179,413.29
New Jersey	193	133	40,981,254.50
Pennsylvania	816	543	140,762,823.83
Delaware	28	13	1,571,295.70
Maryland	108	79	16,891,231.48
District of Columbia	12	2	391,183.55
Eastern states	1,604	969	261,777,202.35
Virginia	125	72	19,410,125.25
West Virginia	103	57	5,639,404.22
North Carolina	75	38	3,122,677.44
South Carolina	39	32	6,749,427.20
Georgia	113	41	6,294,472.98
Florida	42	30	7,180,816.44
Alabama	79	26	3,626,013.13
Mississippi	32	11	708,133.99
Louisiana	31	16	2,519,395.36
Texas	516	55	4,916,363.50
Arkansas	45	15	686,141.33
Kentucky	149	31	2,735,090.21
Tennessee	99	27	5,422,082.48
Southern states	1,448	451	69,010,143.83
Ohio	378	136	32,104,984.35
Indiana	261	52	5,318,400.08
Illinois	431	185	30,910,297.14
Michigan	101	87	$36,549,920.64
Wisconsin	130	108	26,488,086.68
Minnesota	270	134	12,451,785.92
Iowa	325	99	5,784,270.94
Missouri	129	20	2,478,923.33
Middle states	2,025	821	152,086,669.38
North Dakota	150	37	1,077,477.00
South Dakota	98	36	1,204,145.95
Nebraska	232	34	2,367,162.74
Kansas	207	53	2,048,866.23
Montana	54	17	1,379,573.18
Wyoming	30	9	1,002,323.04
Colorado	121	22	8,075,400.64
New Mexico	41	8	1,211,051.61
Oklahoma	225	33	656,738.96
Western states	1,158	249	19,022,739.35
Washington	78	57	17,133,997.46
Oregon	74	22	748,635.61
California	185	46	9,954,442.23
Idaho	47	24	546,620.79
Utah	21	16	3,022,807.85
Nevada	12	5	361,661.42
Arizona	13	2	10,880.67
Alaska*	2	1	40,930.83
Pacific states	432	173	31,819,976.86
Hawaii*	4	1	186,503.91
Porto Rico	1	.....	.....
Island possessions	5	1	186,503.91
United States	7,145	2,783	573,843,741.60

*Statement of March 29, 1910.

SAVINGS-BANK STATISTICS OF UNITED STATES FROM 1820.

YEAR.	Number of banks.	Number of depositors.	Deposits.	Average to each depositor.	Average per capita in U. S.
1820	10	8,635	$1,139,576	$131.86	$0.12
1830	36	38,085	6,973,304	183.09	.54
1840	61	78,701	14,051,520	178.54	.82
1850	108	251,354	43,431,180	172.78	1.87
1860	278	693,870	149,277,504	215.13	4.75
1870	517	1,630,846	549,874,358	337.17	14.26
1880	629	2,335,582	819,106,973	350.71	16.33
1890	921	4,258,896	1,524,844,506	358.03	24.35
1892	1,059	4,781,605	1,712,769,026	358.20	26.11
1893	1,030	4,830,599	1,785,150,957	369.55	26.63
1894	1,024	4,777,687	1,747,961,280	365.86	25.53
1895	1,017	4,875,519	1,810,597,023	371.36	25.88
1896	988	5,065,494	1,907,156,277	376.50	26.68
1897	980	5,201,132	$1,939,376,035	$372.88	$26.56
1898	979	5,385,746	2,065,631,298	383.54	27.67
1899	987	5,687,818	2,230,366,954	392.13	29.24
1900	1,002	6,107,083	2,449,547,885	401.10	31.78
1901	1,007	6,358,723	2,597,094,580	408.30	33.44
1902	1,036	6,666,672	2,750,177,290	412.53	34.81
1903	1,078	7,035,228	2,935,204,845	417.21	36.52
1904	1,157	7,305,443	3,060,178,611	418.89	37.43
1905	1,237	7,696,299	3,261,236,119	423.74	39.17
1906	1,319	8,027,192	3,482,137,198	433.79	41.13
1907	1,415	8,588,811	3,690,078,945	429.64	42.87
1908	1,453	8,705,848	3,690,553,945	420.47	41.84
1809	1,703	8,831,863	3,713,405,710	420.45	41.75

SALARIES OF THE PRESIDENTS OF THE REPUBLICS OF LATIN AMERICA.

[Table furnished by International Bureau of American Republics, Washington, D. C.]

Republic.	Amount per year, national currency.	Approximate gold equivalent.
Argentina	72,000 pesos	$31,500
Bolivia	18,000 bolivianos	7,200
Brazil	120,000 milreis (papel)	40,000
Chile	18,000 pesos	6,670
Colombia	£3,600	18,000
Ecuador	12,000 sucres	6,000
Paraguay	7,000 pesos (oro)	7,000
Peru	£3,000	15,000
Uruguay	$36,000	36,000
Venezuela	60,000 bolivars	12,000
Panama	18,000 Moneda de Curso nacional	18,000
Mexico	137 pesos a day	25,000
Cuba	25,000 pesos	15,000
Dominican Rep	$7,200	$7,200
Haiti	$24,000	24,000
Costa Rica	18,000 colones	8,350
Guatemala	30,000 pesos	12,000
Honduras	24,000 pesos	9,600
Nicaragua	24,000 pesos	9,600
Salvador	22,500 pesos	9,000

NOTE—In addition to the sums given above as personal salaries, each government appropriates an additional sum, varying with the country, for what are termed the expenses of the office of president. This in most cases adds a substantial amount to the regular salary.

STATEMENT OF THE PUBLIC DEBT (JUNE 30, 1910).

INTEREST-BEARING DEBT.

TITLE OF LOAN.	Authorizing act.	Rate.	Issued.	Amount issued.	Total outstanding June 30, 1910.
Consols of 1930	March 14, 1900	2 per cent	1900	$646,250,150	$646,250,150
Loan of 1908-1918	June 13, 1898	3 per cent	1898	198,792,690	63,945,460
Loan of 1925	Jan. 14, 1875	4 per cent	1895-1896	162,315,400	118,489,900
Panama canal loan:					
Series 1906	June 28, 1902, & Dec. 21, 1905	2 per cent	1906	54,631,980	54,631,980
Series 1908	June 28, 1902, & Dec. 21, 1905	2 per cent	1908	30,000,000	30,000,000
Aggregate of interest-bearing debt				1,091,990,190	913,317,490

DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

Funded loan of 1891, continued at 2 per cent, called for redemption May 18, 1900; interest ceased Aug. 18, 1900	$32,000.00
Funded loan of 1891, matured Sept. 2, 1891	23,750.00
Loan of 1904, matured Feb. 2, 1904	14,450.00
Funded loan of 1907, matured July 2, 1907	1,129,250.00
Refunding certificates, matured July 1, 1907	17,160.00
Old debt matured at various dates prior to Jan. 1, 1861, and other items of debt matured at various dates subsequent to Jan. 1, 1861	908,285.26
Aggregate of debt on which interest has ceased since maturity	2,124,895.26

DEBT BEARING NO INTEREST.

United States notes—Feb. 25, 1862; July 11, 1862; March 3, 1863	$346,681,016.00
Old demand notes—July 17, 1861; Feb. 12, 1862	53,282.50
National bank notes—Redemption account—July 14, 1890	27,904,463.00
Fractional currency—July 17, 1862; March 3, 1863; June 30, 1864, less $8,375,934 estimated as lost or destroyed, act of June 21, 1879	6,858,822.28
Aggregate of debt bearing no interest	381,497,583.78

CERTIFICATES AND NOTES ISSUED ON DEPOSITS OF COIN AND SILVER BULLION.

CLASSIFICATION.	In circulation.	In the treasury.	Outstanding.
Gold certificates—March 3, 1863; July 12, 1882; March 14, 1900	$806,286,359	$56,650,510	$862,936,869
Silver certificates—Feb. 28, 1878; Aug. 4, 1886; March 3, 1887; March 14, 1900	478,999,024	10,117,976	489,117,000
Treasury notes of 1890—July 14, 1890; March 14, 1900	3,663,530	8,470	3,672,000
Aggregate of certificates and treasury notes offset by cash in the treasury	1,288,948,913	66,776,956	1,355,725,869

RECAPITULATION.

Classification.	June 30, 1910.	May 31, 1910.
Interest-bearing debt	$913,317,490.00	$913,317,490.00
Debt on which interest has ceased since maturity	2,124,895.26	2,209,815.26
Debt bearing no interest	381,497,583.78	383,061,001.28
Aggregate of interest and noninterest bearing debt	1,296,939,969.04	1,298,588,306.54
Certificates and treasury notes offset by an equal amount of cash in treasury	1,355,725,869.00	1,350,081,869.00

CASH IN THE TREASURY.

Reserve funds—Gold coin and bullion			$150,000,000.00
Trust funds—Gold coin		$862,936,869.00	
Silver dollars		489,117,000.00	
Silver dollars of 1890		3,672,000.00	1,355,725,869.00
General fund—Gold coin	$30,402,302.48		
Gold certificates	56,650,510.00		
Silver certificates	10,117,976.00		
Silver dollars	3,062,527.00		
Silver bullion	3,574,377.05		
United States notes	10,496,935.00		
Treasury notes of 1890	8,470.00		
National bank notes	28,588,758.45		
Subsidiary silver coin	19,992,380.33		
Fractional currency	131.25		
Minor coin	919,084.79		
Bonds and interest paid, awaiting reimbursement	11,952.94	163,924,405.29	
In national bank depositaries—			
To credit of treasurer of United States	41,629,595.03		
To credit of United States disbursing officers	10,055,745.08	51,685,340.11	
In treasury of Philippine islands—			
To credit of treasurer of United States	1,791,880.39		
To credit of United States disbursing officers	2,655,569.70	4,447,450.09	219,957,195.49
Total			1,725,683,064.49
Gold certificates	$862,936,869.00		
Silver certificates	489,117,000.00		
Treasury notes of 1890	3,672,000.00	1,355,725,869.00	
National bank 5 per cent fund	25,616,415.91		
Outstanding checks and warrants	16,293,908.11		
Disbursing officers' balances	72,683,758.25		
Postoffice department account	3,417,825.17		
Miscellaneous items	1,454,504.26	119,466,411.70	1,475,192,280.70
Reserve fund		150,000,000.00	
Balance in general fund		100,490,783.79	250,490,783.79
Total			1,725,683,064.49
Balance in the treasury May 31, 1910, exclusive of reserve and trust funds			$82,165,417.39
Balance in the treasury June 30, 1910, exclusive of reserve and trust funds			100,490,783.79
Increase during the month			18,325,366.4

CIRCULATION STATEMENT (JULY 1, 1910).

CLASSIFICATION.	General stock of money in the U. S. June 1, 1910.	General stock of money in the U. S. July 1, 1910.	‡Held in treasury as assets of the government July 1, 1910.	MONEY IN CIRCULATION. July 1, 1910.	July 1, 1909.	Jan. 1, 1879.
Gold coin (including bullion in treas.)	*$1,627,428,314	$1,635,886,511	$180,402,302	$592,547,340	$601,433,854	$96,262,850
Gold certificates†	.....	.....	56,650,510	806,286,359	817,329,209	21,189,280
Standard silver dollars	564,565,719	564,604,719	3,062,527	72,425,192	71,960,679	5,790,721
Silver certificates†	.....	.....	10,117,976	478,899,024	478,317,516	413,360
Subsidiary silver	164,753,394	164,767,125	19,992,380	144,804,745	132,135,741	67,982,601
Treasury notes of 1890	3,711,000	3,672,000	8,470	3,663,530	4,204,987	.....
United States notes	346,681,016	346,681,016	10,495,935	336,185,081	340,641,603	$310,288,511
National bank notes	712,242,841	713,430,733	28,588,758	684,841,975	666,505,012	314,339,398
Total	3,419,382,284	3,429,072,104	309,318,858	3,119,753,246	3,113,058,601	816,266,721

Population of the United States July 1, 1910, estimated at 90,363,000; circulation per capita, $34.52.

*A revised estimate by the director of the mint of the stock of gold coin was adopted in the statement for Aug. 1, 1907. There was a reduction of $135,000,000.

†For redemption of outstanding certificates an exact equivalent in amount of the appropriate kinds of money is held in the treasury, and is not included in the account of money held as assets of the government.

‡This statement of money held in the treasury as assets of the government does not include deposits of public money in national bank depositaries to the credit of the treasurer of the United States, amounting to $41,629,595.03.

§Includes $33,190,000 currency certificates, act of June 8, 1872.

PUBLIC DEBT OF THE UNITED STATES.

Outstanding principal on Jan. 1 of each year from 1791 to 1843, inclusive, and on July 1 of each year since.

YEAR.	Amount.	YEAR.	Amount.	YEAR.	Amount.	YEAR.	Amount.
1791	$75,463,476.52	1822	$93,546,676.98	1852	$66,199,341.71	1883	$1,884,171,728.07
1792	77,227,924.66	1823	90,875,877.28	1853	59,803,117.70	1884	1,830,528,923.57
1793	80,358,634.04	1824	90,269,777.77	1854	42,242,222.42	1885	1,863,464,873.14
1794	78,427,404.77	1825	83,788,332.71	1855	35,586,956.56	1886	1,775,063,013.78
1795	80,747,587.39	1826	81,955,059.99	1856	31,932,537.90	1887	1,657,602,592.03
1796	83,762,172.07	1827	73,987,357.20	1857	28,699,831.85	1888	1,692,858,984.58
1797	82,064,479.33	1828	67,475,043.87	1858	44,911,881.03	1889	1,619,052,922.23
1798	79,228,529.12	1829	58,421,413.67	1859	58,496,837.88	1890	1,552,140,204.73
1799	78,408,669.77	1830	48,565,406.50	1860	64,842,287.88	1891	1,545,996,591.61
1800	82,976,294.35	1831	39,123,191.68	1861	90,580,873.72	1892	1,588,464,144.63
1801	83,038,050.80	1832	24,322,235.18	1862	524,176,412.13	1893	1,545,985,686.13
1802	80,712,632.25	1833	7,001,698.83	1863	1,119,772,138.63	1894	1,632,253,636.68
1803	77,054,686.40	1834	4,760,082.08	1864	1,815,784,370.57	1895	1,676,120,983.25
1804	86,427,120.88	1835	33,733.05	1865	2,680,647,869.74	1896	1,769,840,323.40
1805	82,312,150.50	1836	37,513.05	1866	2,773,236,173.69	1897	1,817,672,665.90
1806	75,723,270.66	1837	336,957.83	1867	2,678,126,103.87	1898	1,796,531,996.90
1807	69,218,398.64	1838	3,308,124.07	1868	2,611,687,851.19	1899	1,991,927,306.92
1808	65,196,317.97	1839	10,434,221.14	1869	2,588,452,213.94	1900	2,136,961,091.67
1809	57,023,192.09	1840	3,573,343.32	1870	2,480,672,427.81	1901	2,143,326,933.89
1810	53,173,217.52	1841	5,250,875.54	1871	2,353,211,332.32	1902	2,158,610,445.89
1811	48,005,587.76	1842	13,594,480.73	1872	2,253,251,328.78	1903	2,202,464,781.89
1812	45,209,737.90	1843	20,201,226.27	1873	2,234,482,993.20	1904	2,264,003,585.14
1813	55,962,827.57	1843	32,742,922.00	1874	2,251,690,468.43	1905	2,274,615,063.84
1814	81,487,846.24	1844	23,461,652.50	1875	2,232,284,531.95	1906	2,337,161,839.04
1815	99,833,660.15	1845	15,925,303.01	1876	2,180,395,067.15	1907	2,457,188,061.54
1816	127,334,933.74	1846	15,550,202.97	1877	2,205,301,392.10	1908	2,626,806,271.54
1817	123,491,965.16	1847	38,826,534.77	1878	2,256,205,892.53	1909	2,639,546,241.04
1818	103,466,633.83	1848	47,044,862.23	1879	2,340,567,232.04	1910	2,652,665,838.04
1819	95,529,648.28	1849	63,061,858.69	1880	2,120,415,370.63		
1820	91,015,566.15	1850	63,452,773.55	1881	2,069,013,569.58		
1821	89,987,427.66	1851	68,304,796.02	1882	1,918,312,994.03		

ANALYSIS OF THE PUBLIC DEBT.

JULY 1.	Debt on which interest has ceased.	Debt bearing no interest.*	Outstanding principal.	Cash in the treasury.	Principal of debt less cash in treasury.	Population of the United States.	Debt per capita.	Interest per capita.
1890	$1,815,805.26	$825,011,289.47	$1,552,140,204.73	$661,355,834.20	$924,465,218.53	62,622,250	$14.22	$0.47
1891	1,614,705.26	933,852,766.35	1,545,996,591.61	694,083,839.83	851,912,751.78	63,975,000	13.34	.37
1892	2,785,875.26	1,000,648,939.37	1,558,464,144.63	746,937,681.03	841,526,463.60	65,408,000	12.93	.35
1893	2,094,060.26	958,854,525.87	1,545,985,686.13	707,016,210.89	838,969,475.75	66,809,000	12.64	.35
1894	1,851,240.26	995,860,506.42	1,632,253,636.68	732,940,256.13	899,313,380.55	68,275,000	13.30	.38
1895	1,721,590.26	958,197,331.99	1,675,120,983.25	811,061,686.46	864,059,314.78	69,878,000	13.08	.42
1896	1,600,890.26	920,839,543.14	1,769,840,323.40	853,905,635.51	915,934,687.89	71,390,000	13.60	.49
1897	1,346,880.26	968,960,655.64	1,817,672,665.90	825,649,765.87	992,022,900.03	72,807,000	13.78	.48
1898	1,262,680.00	947,901,845.64	1,796,531,995.90	769,446,503.76	1,027,085,492.14	74,522,000	14.08	.47
1899	1,218,300.26	944,660,256.66	1,991,927,306.92	836,607,071.73	1,155,320,235.19	76,011,000	15.55	.54
1900	1,176,320.26	1,112,805,911.41	2,136,961,091.67	1,029,249,833.78	1,107,711,257.89	76,304,799	14.52	.44
1901	1,415,620.26	1,154,770,273.63	2,143,326,933.89	1,098,587,813.92	1,044,739,119.97	77,647,000	13.45	.38
1902	1,280,860.26	1,226,259,245.63	2,158,610,445.89	1,189,153,204.85	969,457,241.04	79,003,000	12.27	.35
1903	1,205,090.26	1,286,718,281.63	2,202,464,781.89	1,277,453,144.58	925,011,637.31	80,372,000	11.51	.32
1904	1,970,920.26	1,366,875,224.88	2,264,003,585.14	1,296,771,811.39	967,231,773.75	81,752,000	11.83	.30
1905	1,370,245.26	1,378,086,478.58	2,274,615,063.84	1,365,467,439.06	909,147,624.78	83,250,000	11.91	.29
1906	1,128,135.26	1,440,874,563.78	2,337,161,839.04	1,372,726,152.25	964,435,686.79	84,154,000	11.46	.28
1907	1,086,315.26	1,561,266,966.00	2,457,188,061.54	1,578,591,306.51	878,596,755.03	85,946,000	10.24	.25
1908	4,130,015.26	1,725,172,266.28	2,626,806,271.54	1,688,673,862.16	938,132,409.38	85,817,000	10.76	.24
1909	2,883,855.26	1,723,344,895.78	2,639,546,241.04	1,720,423,082.08	919,123,158.96	88,566,000	11.56	.24
1910	2,124,895.26	1,737,223,452.78	2,652,665,838.04	1,725,683,064.49	926,982,773.55	.....	.....	.....

*Includes certificates issued against gold, silver and currency deposited in the treasury.

NATIONAL DEBTS, REVENUES AND EXPENDITURES.

[From report prepared by O. P. Austin, chief of bureau of statistics.]

COUNTRY.	Year.	Total debt in United States currency.	Rates of interest. Per ct.	Interest and other annual charges (budget estimate).	Revenue.	Expenditure.	PER CAPITA OF Debt.	Interest.	Revenue
Argentina	1909	$545,712,120	4 -7	$29,594,251	$112,757,914	$113,465,553	$89.46	$4.85	$18.48
Australian Commonwealth	1908	1,184,192,157	3 -4	46,883,988	169,683,399	156,156,447	.....	.....	7.10
New Zealand	1908	346,439,001	3 -4	10,645,075	44,330,608	43,260,095	367.77	11.30	47.06
Austria-Hungary	1908	1,063,725,105	3 -5	60,467,407	84,897,702	86,556,212	21.06	1.20	1.68
Austria	1908	960,997,758	3 -5	35,322,309	488,143,439	488,530,572	32.22	1.18	16.37
Hungary	1908	1,146,500,658	3 -5	37,136,118	315,822,929	315,813,171	55.45	1.80	15.28
Belgium	1908	663,325,145	2½-3	27,022,108	119,505,782	122,121,324	89.81	3.66	16.18
Kongo	1908	20,089,409	.....	1,260,306	7,670,844	9,694,977	.....	.....	.....
Bolivia	1908	2,853,496	6	215,873	4,513,961	4,131,322	1.46	.11	2.31
Brazil	1909	657,097,561	4 -5	32,390,824	154,994,252	150,253,657	31.29	1.54	7.38
Bulgaria	1909	98,500,973	4½-6	6,367,018	29,561,704	29,547,738	22.49	1.53	7.11
Canada	1909	323,930,979	2½-4	11,931,537	85,093,404	84,064,232	45.09	1.66	11.84
Central America—Costa Rica	1909	19,693,924	.....	295,113	3,827,648	3,467,069	54.70	.82	10.63
Guatemala	1909	19,085,801	4 -8	1,700,865	2,800,197	3,369,731	10.14	.90	1.49
Honduras	1909	10,982,932	5 -10	237,591	1,583,111	1,707,634	221.97	.48	3.17
Nicaragua	1907	6,083,125	6	364,988	510,952	514,326	13.22	.....	1.11
Salvador	1908	12,045,397	2 -6	1,812,655	5,107,310	4,884,397	7.05	1.06	2.99
Chile	1908	167,069,373	4½-6	6,652,997	76,125,081	77,297,796	51.34	2.04	23.39
China	1908	601,916,605	4 -7	92,375,017	21,221,722	21,221,722	182.33	.28	.06
Colombia	1909	22,865,640	3 -6	1,980,559	16,138,044	17,223,818	5.29	.46	3.74
Cuba	1909	48,296,585	5 -6	2,786,795	40,707,636	39,207,790	23.57	.74	19.87
Denmark	1909	68,057,694	3 -4	2,753,263	25,020,261	27,815,840	25.88	1.05	9.51
Ecuador	1909	21,010,345	4 -7	554,339	6,204,131	6,206,604	16.52	.42	4.88
Egypt	1909	465,854,243	3 -4	17,904,885	76,724,134	71,219,456	41.10	1.59	6.80
France	1909	5,898,675,451	2¾-3	186,802,380	852,399,350	852,748,626	150.09	21.69	21.70
Algeria	1908	10,365,065	3½	385,990	24,534,178	24,524,803	2.01	4.76	4.75
Tunis	1909	.....	.....	.....	17,741,578	17,740,204	.....	9.69	9.69
Indo-China	1907	75,763,417	3 -4	2,728,016	23,205,737	23,205,737	4.64	1.42	1.42
Colonies, N. E. S.	1907	39,782,051	3 -5⅝	1,631,789	25,110,698	25,110,698	1.75	1.10	1.10
German empire	1908	1,094,790,575	3 -4	46,836,044	678,303,308	678,303,308	17.38	10.77	10.77
German states	1908	3,175,698,141	3 -4	132,942,135	1,203,896,320	1,235,423,109	50.23	19.04	19.54
German colonies	1909	.....	.....	.....	4,414,900	12,935,300	.....	.30	.88
Greece	1909	157,877,067	2½-5	5,940,324	27,781,064	27,309,709	59.98	10.56	10.56
Haiti	1909	26,468,849	2½-6	1,906,715	3,825,948	3,627,383	14.70	2.13	2.02
India—British	1909	1,346,997,187	2½-4½	41,681,212	356,953,395	356,953,395	4.58	1.21	1.21
Italy	1909	2,602,299,757	3 -5	96,941,138	452,668,984	441,865,760	75.94	13.21	12.89
Japan	1910	1,287,604,261	4 -5	76,283,536	258,426,783	258,422,713	26.15	5.24	5.25
Formosa	1910	.....	.....	.....	14,915,822	14,915,822	.....	4.84	4.84
Korea	1909	18,297,238	6 -7	.....	10,674,492	11,089,790	.....	.....	.....
Liberia	1910	1,289,571	6 -7	.....	355,209	355,209	.85	.24	.24
Luxemburg	1909	2,316,000	3½	95,178	3,439,186	3,539,186	9.26	13.76	14.16
Mexico	1909	219,899,231	3 -5	13,058,516	49,190,204	46,297,762	14.66	3.21	3.09
Morocco	1909	39,758,000	.....	.....	.....	.....	7.95	.....	.....
Netherlands	1910	451,309,203	2½-3	14,606,371	73,583,688	78,002,874	77.48	12.63	13.39
East Indies	1909	.....	.....	.....	72,979,127	77,963,314	.....	1.87	2.00
West Indies, etc.	1909	.....	.....	.....	1,885,388	2,334,416	.....	13.76	17.04
Norway	1909	88,253,614	3 -3½	5,338,702	38,749,682	36,839,071	37.88	16.63	15.81
Paraguay	1910	5,027,141	.....	.....	2,237,537	2,664,404	7.97	3.55	4.22
Persia	1908	16,737,500	5	....	7,174,400	7,174,400	1.76	.76	.76
Peru	1909	24,911,789	6 -7½	.....	14,969,266	15,572,756	5.46	3.28	3.42
Portugal	1909	864,561,212	3 -4½	29,907,963	66,699,631	71,845,462	159.13	12.28	13.22
Colonies	1908	.....	.....	.....	11,491,134	12,178,508	.....	1.58	1.68
Roumania	1910	277,383,133	3½-7½	16,395,744	80,509,222	80,562,470	41.50	13.54	11.21
Russia	1909	4,568,152,565	3 -6	204,766,421	1,348,613,945	1,368,613,945	30.58	9.05	9.18
Finland	1910	29,352,124	3 -3½	1,206,558	30,977,858	32,422,803	9.87	10.41	10.90
Santo Domingo	1910	13,486,370	5	1,200,000	4,024,230	4,024,230	22.11	6.60	6.60
Servia	1910	103,573,257	4 -5	5,208,088	20,003,312	19,941,464	36.66	7.08	7.06
Siam	1909	19,466,000	4 ½	.....	21,466,180	24,147,206	2.91	3.21	3.61
Spain	1910	1,817,674,327	4 -5	78,709,000	205,655,000	216,452,000	92.21	10.43	10.98
Sweden	1909	138,120,699	3½-4	5,520,096	55,414,147	57,986,367	25.68	10.30	10.78
Switzerland	1909	257,400,446	3 -4	10,272,786	28,446,489	29,119,721	72.32	7.99	8.18
Turkey	1909	527,383,636	3½-4	36,494,753	153,777,433	157,745,205	21.92	5.56	6.55
United kingdom	1909	3,669,931,350	2½-2¾	152,759,411	737,655,773	741,150,940	82.38	16.56	16.64
Colonies, N. E. S.	1909	699,398,319	2½-6	29,049,837	144,083,327	153,535,048	15.87	3.27	3.48
United States	1909	1,022,861,531	2 -4	21,803,836	883,567,121	1,002,303,040	11.42	9.86	11.18
Philippines	1909	16,000,000	4	1,705,561	11,369,754	11,733,601	1.95	1.39	1.43
Uruguay	1910	134,582,430	3½-5	7,952,931	23,669,648	21,791,891	129.03	22.62	20.89
Venezuela	1909	38,716,303	3 -6	2,756,040	9,805,009	9,529,414	14.63	3.70	3.60
Total	....	39,343,079,476	.....	.....	9,969,519,433	10177,280,993	.....	.....	.....

NOTE—The years for which the revenues and expenditures are given are approximately, but not in all cases, the same as those for the debts.

AMERICAN TELEPHONE STATISTICS.

	1900.	1910.		1900.	1910.
Exchanges	2,326	4,968	Dividends	$3,882,945	$17,036,276
Miles of wire	1,518,609	8,675,474	Capital	25,886,300	256,475,300
Instruments	1,580,101	8,338,648	Gross earnings	7,687,381	32,761,341
Daily connections	5,173,803	19,925,194	Net earnings	4,270,509	23,095,389

RECEIPTS AND DISBURSEMENTS OF THE GOVERNMENT (1900-1910).

REVENUE BY FISCAL YEARS.

YEAR.	Customs.	Internal revenue.	Miscellaneous.	Total revenue.	Excess of r'venue ov'r ordin'ry expenditures.
1900	$233,164,871	$295,327,926	$35,911,170	$567,240,851	$79,527,060
1901	238,585,456	307,180,664	41,919,218	587,685,838	77,717,984
1902	254,444,708	271,880,122	36,153,403	562,478,233	92,137,587
1903	284,479,582	230,810,124	45,106,968	560,396,674	54,297,667
1904	261,274,565	232,904,119	46,453,065	540,631,749	*41,770,572
1905	262,060,528	233,464,201	47,899,130	543,423,859	*29,987,752
1906	300,251,878	249,150,213	45,052,031	594,454,122	25,699,323
1907	332,235,362	269,666,772	61,240,198	663,140,334	84,236,586
1908	285,680,653	250,714,008	63,501,102	*59,656,361	*59,656,361
1909	300,711,934	246,212,644	56,664,912	603,589,490	*95,910,224
1910	332,785,323	289,728,015	50,693,626	673,206,964	5,738,829

*Expenditures in excess of revenue.

DISBURSEMENTS BY FISCAL YEARS.

YEAR.	Civil and miscellaneous.	War department.	Navy department.	Indians.	Pensions.	Interest on public debt.	Total ordinary expenditures*
1900	$105,773,190	$134,774,767	$55,953,077	$10,175,106	$140,877,316	$40,160,333	$487,713,791
1901	122,305,571	143,746,433	61,339,449	10,887,448	139,312,527	32,447,274	510,038,704
1902	113,469,324	112,272,217	67,803,128	10,049,585	138,488,560	29,108,045	471,190,858
1903	124,944,290	118,619,520	82,618,034	12,935,168	138,425,646	28,556,349	506,099,007
1904	186,766,703	115,035,411	102,956,102	10,438,350	142,559,266	24,646,490	582,402,321
1905	146,970,765	122,498,295	117,334,003	14,246,568	141,770,956	24,591,024	567,411,611
1906	159,823,904	119,704,113	111,166,784	12,746,859	141,034,562	24,308,576	568,784,799
1907	108,244,532	122,576,465	97,128,469	15,163,608	139,309,514	24,481,158	578,903,748
1908	146,898,929	110,284,864	118,726,347	14,550,759	153,887,995	21,424,990	659,552,125
1909	158,416,447	133,978,929	116,031,417	15,724,162	161,813,068	21,804,813	779,117,188
1910	178,543,170	163,119,016	122,782,214	19,360,431	161,719,494	21,943,710	667,468,035

*Includes expenditures for public works to and including 1909.

TOTAL RECEIPTS AND DISBURSEMENTS.

[From revised statements, except that the figures of 1910 are subject to revision.]

	1910.	1909.	1908.	1907.	1906.	1905.
1. Ordinary receipts	$675,506,715.02	$603,589,489.84	$601,060,723.27	$663,125,659.92	$594,717,942.32	$544,606,758.62
Ordinary disbursements	659,700,391.08	662,324,444.77	621,102,390.64	551,705,129.04	549,405,425.35	563,360,093.62
Excess of receipts (+) or disbursements (—)	+ 15,806,323.94	— 58,734,954.93	— 20,041,667.37	+111,420,530.88	— 45,312,516.97	— 18,753,335.00
2. Panama canal receipts	.....	30,731,008.21	25,367,768.67	31,210,817.95	.....	.....
Panama canal disb'rsem'ts	33,911,673.37	31,419,442.41	38,093,929.04	27,198,618.71	19,379,373.71	3,918,819.83
Excess of receipts (+) or disbursements (—)	— 33,911,673.37	— 688,434.20	— 12,726,160.37	+ 4,012,199.24	— 19,379,373.71	— 3,918,819.83
3. Public debt receipts	31,674,292.50	45,624,239.50	79,769,636.50	31,991,754.00	35,665,046.00	22,560,477.50
Public debt disbursements	33,049,695.50	104,996,770.00	75,891,306.50	56,052,393.47	26,386,326.33	26,462,598.80
Excess of receipts (+) or disbursements (—)	— 1,375,403.00	— 59,372,530.50	+ 5,877,730.00	— 24,060,639.47	+ 9,287,719.67	— 3,901,921.30
Excess of all receipts (+) or all disbursements (—)	— 19,480,752.43	—118,795,919.63	— 26,890,097.74	+ 91,372,090.65	+ 35,211,862.93	— 26,574,076.13
Balance in general fund at close of year	106,894,675.67	126,375,428.10	245,171,347.73	272,061,445.47	180,689,354.82	145,477,491.89

FINANCIAL AND COMMERCIAL STATISTICS OF THE UNITED STATES (1880-1909).

Upon a per capita basis.

YEAR.	Population, June 1.	GOVERNMENT FINANCE PER CAPITA.							GOLD AND SILVER.			
		Amount of money in the United States.	Money in circulation	Debt, less cash in treasury.	Interest paid.	Net ordinary receipts.	Net ordinary expenditures	Disbursements for pensions.	Coin value of paper money, July 1.	Commercial ratio of silver to gold.	Annual average price of silver in London, per oz.	Bullion value of United States silver dollar.
1880	50,155,783	$24.04	$19.41	$38.27	$1.59	$6.65	$5.34	$1.14	$1.00	$18.05	$1.145	$.885
1890	62,622,250	34.24	22.82	14.22	.47	6.44	4.75	1.71	1.00	19.76	1.046	.809
1900	76,303,387	30.66	26.38	14.52	.44	7.43	6.39	1.85	1.00	33.33	.620	.47968
1901	77,647,000	31.98	28.02	13.45	.38	7.56	6.15	1.79	1.00	34.68	.605	.46093
1902	79,003,000	32.45	28.47	12.27	.35	7.11	5.96	1.75	1.00	39.15	.528	.40935
1903	80,372,000	33.40	29.42	11.51	.32	6.93	6.26	1.72	1.00	38.10	.543	.41960
1904	81,752,000	34.29	30.77	11.83	.30	6.60	7.11	1.74	1.00	35.70	.579	.44765
1905	83,143,000	34.68	31.08	11.91	.29	6.54	6.81	1.71	1.00	33.87	.610	.47200
1906	84,154,000	36.45	32.32	11.46	.28	7.02	6.72	1.68	1.00	30.54	.677	.52353
1907	85,817,239	36.30	32.22	10.22	.25	7.70	6.73	1.62	1.00	31.24	.662	.51161
1908	87,189,392	38.76	34.72	10.76	.24	6.87	7.53	1.77	1.00	33.64	.535	.41371
1909	88,566,054	38.45	34.33	11.56	.24	6.79	7.45	1.82	1.00	39.74	.520	.40231

FINANCIAL AND COMMERCIAL STATISTICS OF THE U. S.—CONTINUED.

YEAR.	COINAGE PER CAPITA OF—		PRODUCTION PER CAPITA OF—		INTERNAL REVENUE.		Merchandise imported for consumption per capita.	CUSTOMS REVENUE.				Expenses of collecting. Per cent.
								Duty collected per capita.	Average ad valorem rate of duty.			
	Gold.	Silver.	Gold.	Silver.	Collected per capita.	Expenses of collecting. Per cent.			On dutiable. Per cent.	On free and dutiable. Per cent.		
1880	$1.24	$.55	$.72	$.69	$2.47	2.95	$12.51	$3.64	43.48	29.07		3.23
1890	.33	.63	.52	.91	2.28	2.65	12.35	3.62	44.41	29.12		2.98
1900	1.30	.48	1.04	.47	3.87	1.51	10.88	3.01	49.46	27.62		3.20
1901	1.28	.47	1.01	.43	3.96	1.43	10.58	3.06	49.83	28.91		3.23
1902	.60	.38	1.01	.37	3.44	1.60	11.39	3.17	49.78	27.95		3.13
1903	.54	.25	.92	.36	2.87	1.94	12.54	3.49	49.03	27.85		2.98
1904	2.86	.19	.98	.41	2.85	1.94	12.02	3.16	48.78	26.30		3.32
1905	.60	.08	1.06	.41	2.82	1.85	13.08	3.11	45.24	23.77		3.48
1906	.92	.13	1.14	.45	2.96	1.76	14.42	3.49	44.16	24.22		3.00
1907	1.54	.15	1.04	.44	3.14	1.72	16.49	3.84	42.55	23.28		2.55
1908	1.51	.14	1.10	.31	2.88	1.85	13.57	3.24	42.94	23.88		3.35
1909	1.00	.09	1.12	.32	2.78	1.85	14.47	3.33	43.15	22.99		3.41

YEAR.	EXPORTS.						CONSUMPTION PER CAPITA.								
	Domestic merchandise.		Per cent of domestic products exported.												
	Exports per capita.	Manuf'd products, total exports.	Cotton.	Wheat.	Corn.	Bituminous coal.	Raw cotton.	Wheat.	Corn.	Sugar.	Coffee.	Tea.	Distilled spirits.	Malt liquors.	Wines.
		Per.ct.	P. ct.	P. ct.	P. ct.	P. ct.	Lbs.	Bu.	Bu.	Lbs.	Lbs.	Lbs.	Pf.gl	Gal.	Gal.
1880	$16.43	14.78	65.73	40.18	6.43	.66	18.94	5.35	28.88	42.90	8.78	1.39	1.27	8.26	.56
1890	13.50	21.18	68.15	22.31	4.85	1.33	18.50	6.09	32.09	52.80	7.83	1.33	1.40	13.67	.46
1900	17.96	35.30	65.18	34.00	10.30	3.14	22.57	4.74	24.44	65.20	9.81	1.09	1.27	16.01	.40
1901	18.81	31.88	62.87	41.36	8.62	3.04	25.94	3.95	24.77	68.40	10.60	1.14	1.33	16.20	.37
1902	17.16	33.48	64.47	31.37	1.84	2.68	25.65	6.50	18.92	72.80	13.37	.94	1.36	17.49	.53
1903	17.32	33.61	65.01	30.28	3.04	2.24	24.64	5.81	30.45	71.10	10.79	1.30	1.46	18.04	.48
1904	17.87	36.47	60.27	18.92	2.59	2.55	25.28	6.39	26.74	75.30	11.75	1.34	1.48	18.28	.53
1905	17.94	40.98	61.55	7.99	3.66	2.69	33.07	6.15	28.59	70.00	12.11	1.23	1.45	18.50	.44
1906	20.41	39.93	62.69	14.09	4.43	2.54	26.51	7.08	30.75	76.70	9.95	1.10	1.51	20.20	.55
1907	21.60	39.92	64.93	19.95	2.95	2.88	29.53	6.86	33.11	77.50	11.36	.99	1.63	21.23	.67
1908	21.04	40.91	66.18	25.71	2.12	2.80	.....	5.40	29.10	75.42	10.40	1.07	1.44	20.97	.60
1909	18.50	40.98	.....	17.19	1.41	3.04	.....	6.22	29.71	82.24	11.74	1.29	1.37	19.79	.70

YEAR.	CONSUMPTION OF RAW WOOL.		Tonnage of vessels, annual increase or decrease (+ or —).	Imports and exports of merchandise carried in American vessels.	POSTOFFICE DEPARTMENT.		PUBLIC SCHOOLS.	
	Total per capita.	Per cent foreign.			Revenue per capita.	Expenditure per capita.	Population 5 to 18 years of age.	Expenditures per capita of population 5 to 18 years of age.
	Lbs.		Per cent	Per cent			Millions	
1880	6.11	34.9	— 2.43	17.4	$0.66	$0.73	15.1	$5.17
1890	6.03	27.0	+ 2.71	12.9	.97	1.11	18.5	7.60
1900	5.72	34.4	+ 6.18	9.3	1.34	1.46	21.4	10.04
1901	5.18	24.9	+ 6.96	8.2	1.44	1.49	22.0	10.35
1902	6.07	34.1	+ 4.95	8.8	1.54	1.59	22.3	10.57
1903	5.74	37.8	+ 4.99	9.1	1.67	1.73	22.7	11.10
1904	5.66	37.0	+ 3.35	10.3	1.76	1.86	23.0	11.86
1905	6.52	45.5	+ 2.62	12.1	1.84	2.05	23.4	12.46
1906	5.88	39.6	+ 3.38	12.0	2.00	2.17	23.8	12.94
1907	5 81	40.0	+ 3.95	10.6	2.13	2.25	24.3	13.63
1908	4.95	27.9	+ 6.15	9.08	2.19	2.36	24.6	15.10
1909	6.67	44.5	+ .32	9.5	2.30	2.53	....*	....*

*No data.

CRUISE OF THE AMERICAN BATTLE-SHIP FLEET.

The cruise of the American battle-ship fleet which began at Hampton roads Dec. 16, 1907, ended at the same place Feb. 22, 1909. No accidents marred the voyage around the world and all the vessels returned in first-class condition. The total distance sailed was 42,227 miles.

The battle ships which took part in the cruise were the Connecticut (flagship), Kansas, Vermont, Louisiana, Georgia, New Jersey, Rhode Island, Virginia, Minnesota, Ohio, Missouri, Maine, Alabama, Illinois, Kearsarge and Kentucky. Rear-Admiral Robley D. Evans was in command from Dec. 16, 1907, to May 8, 1908; Rear-Admiral Charles M. Thomas, May 8 to May 15, 1908, and Rear-Admiral Charles S. Sperry, May 15, 1908, to the end of the voyage, Feb. 22, 1909.

MANUFACTURES IN THE UNITED STATES.

[Bureau of census report, 1906.]

COMPARATIVE SUMMARY, 1860-1905.

	1905.	1900.	1890.	1880.	1870.	1860.
Establishments	216,262	207,562	355,415	253,852	252,148	140,433
Capital	$12,686,265,673	$8,978,825,200	$6,525,156,486	$2,790,272,606	$2,118,208,769	$1,009,855,715
Salaried persons	519,751	364,202	461,009	.....	.....	.....
Salaries	$574,761,231	$380,889,091	$391,988,208	.....	.....	.....
Wage earners*	5,470,321	4,715,023	4,251,613	2,732,595	2,053,996	1,311,246
Wages	$2,611,540,532	$2,009,735,799	$1,891,228,321	$947,963,795	$775,584,343	$378,878,966
General expenses	$1,455,019,473	$905,600,225	$631,225,035	.....	.....	.....
Cost of materials	$8,503,949,756	$6,577,614,074	$5,162,044,076	$3,396,823,549	$2,488,427,242	$1,031,605,092
Value of products†	$14,802,147,087	$11,411,121,122	$9,372,437,283	$5,369,579,191	$4,232,325,442	$1,885,861,676

*Average number. †Gross value.

MANUFACTURES BY STATES AND TERRITORIES (1905).

STATE OR TERRITORY.	Capital invested.	Gross value of product.	STATE OR TERRITORY.	Capital invested.	Gross value of product.
Alabama	$105,382,859	$109,169,922	Nevada	$2,891,997	$3,096,274
Alaska	10,684,799	8,244,524	New Hampshire	109,495,072	125,610,904
Arizona	14,395,654	28,083,192	New Jersey	715,060,174	774,369,025
Arkansas	46,306,116	55,864,394	New Mexico	4,638,248	5,705,880
California	282,647,201	367,218,494	New York	2,031,459,915	2,488,345,579
Colorado	107,663,500	100,143,999	North Carolina	141,000,639	142,520,776
Connecticut	373,283,580	369,082,091	North Dakota	5,703,837	10,217,914
Delaware	50,925,630	41,160,276	Ohio	856,988,830	960,811,857
District of Columbia	20,199,783	18,359,159	Oklahoma	11,107,763	16,549,656
Florida	32,971,982	50,298,290	Oregon	44,023,548	55,525,123
Georgia	135,211,551	151,040,455	Pennsylvania	1,995,836,988	1,955,551,332
Idaho	9,689,445	8,768,743	Rhode Island	215,901,375	202,109,583
Illinois	975,844,799	1,410,342,129	South Carolina	113,422,224	79,376,262
Indian Territory	5,016,654	7,909,451	South Dakota	7,585,142	13,085,333
Indiana	312,071,234	393,954,405	Tennessee	102,439,481	137,960,476
Iowa	111,427,429	160,572,313	Texas	115,664,871	150,523,380
Kansas	88,680,117	198,244,992	Utah	26,004,011	38,926,464
Kentucky	147,282,478	159,753,968	Vermont	62,658,741	63,083,611
Louisiana	150,810,608	186,379,592	Virginia	147,989,182	148,856,525
Maine	143,707,750	144,020,197	Washington	96,952,621	128,821,667
Maryland	201,877,966	243,375,996	West Virginia	86,820,823	99,040,676
Massachusetts	965,948,887	1,124,092,051	Wisconsin	412,647,051	411,139,681
Michigan	337,894,102	429,120,060	Wyoming	2,695,889	3,523,260
Minnesota	184,903,271	307,858,073			
Mississippi	50,256,309	57,451,445	Total	12,686,265,673	14,802,147,087
Missouri	379,368,827	439,548,957	Total 1900	8,978,825,200	11,411,121,122
Montana	52,589,810	66,415,452	Per cent increase	41.3	20.7
Nebraska	80,235,310	154,918,220			

LEADING INDUSTRIES BY GROUPS.

GROUP.	Census.	Establishments.	Capital.	Wage earners.	Wages.	Cost of materials used	Value of products.
Food and kindred products	1905	45,790	$1,173,151,276	354,054	$164,601,803	$2,304,416,564	$2,845,234,900
	1900	41,159	900,927,187	301,305	125,338,463	1,778,644,270	2,193,791,594
Textiles	1905	17,042	1,744,169,234	1,156,305	419,841,630	1,246,562,061	2,147,441,418
	1900	17,647	1,340,633,629	1,022,125	341,651,466	894,348,961	1,628,606,214
Iron and steel and their products	1905	14,239	2,331,493,157	857,268	482,357,503	1,179,981,458	2,176,739,726
	1900	13,874	1,538,459,831	737,996	384,233,365	993,965,831	1,806,278,241
Lumber and its remanufactures	1905	32,726	1,013,827,138	735,945	336,058,173	518,908,150	1,223,730,336
	1900	35,181	730,067,675	672,655	253,626,194	481,761,506	1,009,778,057
Leather and its finished products	1905	4,945	440,777,194	255,368	116,694,140	471,112,921	705,747,470
	1900	5,313	327,804,674	241,662	98,726,363	390,678,471	569,619,254
Paper and printing	1905	30,787	798,758,312	350,205	185,547,791	308,269,655	857,112,256
	1900	26,605	557,131,055	297,320	139,950,715	213,701,954	605,114,847
Liquors and beverages	1905	6,381	659,547,620	68,340	45,146,285	139,854,147	501,366,605
	1900	5,740	515,160,244	55,120	33,217,604	93,815,032	382,898,381
Chemicals and allied products	1905	9,680	1,504,728,510	210,165	93,965,248	609,351,160	1,031,965,263
	1900	8,812	1,139,093,102	182,227	71,594,508	437,637,550	735,432,542
Clay, glass and stone products	1905	10,775	553,846,682	285,365	148,471,903	123,124,392	391,230,422
	1900	11,527	335,400,558	231,753	102,867,056	85,168,409	270,726,065
Metals and metal products other than iron and steel	1905	6,310	598,340,758	211,706	117,599,837	644,367,583	922,262,457
	1900	5,505	389,735,215	171,963	87,198,156	481,190,510	710,525,156
Tobacco	1905	16,828	323,983,501	159,408	62,640,303	126,088,608	331,117,631
	1900	14,959	111,517,318	132,526	47,975,331	92,866,542	263,713,173
Vehicles for land transportation	1905	7,285	447,697,020	384,577	221,860,517	334,244,377	643,924,442
	1900	8,739	394,235,576	314,340	163,698,574	267,129,730	505,094,454
Shipbuilding	1905	1,097	121,623,700	50,754	29,241,087	37,463,179	82,769,239
	1900	1,107	77,341,001	46,747	24,824,738	33,474,896	74,532,277
Miscellaneous industries	1905	12,377	974,316,571	390,531	187,514,312	460,205,501	941,604,873
	1900	11,394	621,318,135	307,296	134,833,266	332,732,413	655,010,866
United States	1905	216,262	12,686,265,673	5,470,321	2,611,540,532	8,503,949,756	14,802,147,087
	1900	207,562	8,978,825,200	4,715,023	2,009,735,799	6,577,614,074	11,411,121,122

MANUFACTURES IN LARGE CITIES (1905.)

Cities.	Capital invested.	Value of product.	Cities.	Capital invested.	Value of product.
Boston, Mass.	$131,562,822	$184,351,163	Pittsburg, Pa.	$202,424,240	$165,428,881
Buffalo, N. Y.	137,023,114	147,377,873	Providence, R. I.	95,666,407	91,980,965
Chicago, Ill.	637,743,474	955,096,277	Rochester, N. Y.	71,529,724	82,747,370
Cincinnati, O.	130,271,811	166,059,745	St. Louis, Mo.	265,936,570	267,307,038
Cleveland, O.	156,509,252	172,115,101	St. Paul, Minn.	36,401,282	38,318,704
Detroit, Mich.	91,228,214	128,761,658	San Francisco, Cal.	102,362,378	137,788,233
Indianapolis, Ind.	53,419,820	82,227,950	Syracuse, N. Y.	38,740,651	34,823,751
Kansas City, Mo.	32,126,674	35,573,049	Toledo, O.	38,643,390	44,823,004
Milwaukee, Wis.	162,129,641	138,881,545	Trenton, N. J.	41,623,232	32,719,945
Minneapolis, Minn.	66,699,604	121,593,120	Troy, N. Y.	32,697,084	31,860,829
New York, N. Y.	1,042,946,487	1,526,523,006	Washington, D. C.	20,199,783	18,359,159
Newark, N. J.	119,026,172	150,055,227	Wilmington, Del.	33,226,991	30,300,039
Omaha, Neb.	34,557,961	54,003,704	Worcester, Mass.	48,771,852	52,144,965
Philadelphia, Pa.	520,178,654	591,388,078	Youngstown, O.	42,370,660	48,126,885

BUTTER AND CHEESE PRODUCTION IN 1905.

[From census bulletin No. 64.]

State.	Factories.		Products.				
			Butter.		Cheese.		Total Value.*
	Butter.	Cheese.	Pounds.	Value.	Pounds.	Value.	
New York	543	1,198	88,256,504	$12,316,059	132,836,482	$10,812,747	$31,047,776
Wisconsin	102	1,454	89,155,975	18,453,202	109,423,856	10,488,853	29,994,791
Iowa	607	48	71,181,766	14,330,754	2,829,745	282,078	15,028,326
Illinois	349	41	27,339,925	5,750,312	5,301,211	426,026	13,276,533
Minnesota	712	59	62,122,554	12,297,169	3,090,055	307,117	12,871,129
Pennsylvania	519	120	35,754,841	8,691,362	11,453,424	1,007,815	11,581,115
United States	5,235	3,610	531,478,141	113,189,453	317,144,872	28,611,760	168,182,780

*Includes condensed milk and other by-products. New York and Illinois led in production of condensed milk with 102,480,355 and 93,425,052 pounds respectively.

NOTE—The total capital invested in butter, cheese and condensed milk production in 1905 was $47,255,556 and the number of wage earners employed in the industry was 15,557.

GREAT OCEAN STEAMSHIPS.

Name.	Reg. ton'ge.	L'th. Ft.	B'th Ft.
Olympic (building)	45,000	890	92
Titanic (building)	45,000	890	92
Mauretania	32,000	790	88
Lusitania	32,000	790	88
George Washington	27,000	722	78
Kaiserin Auguste Victoria	24,581	677	77
Adriatic	24,541	726	75
Rotterdam	24,170	668	77
Baltic	23,876	726	75
Amerika	22,622	687	74
Cedric	21,035	680	75
Celtic	20,904	680	75
Minnesota	20,718	622	75
Caronia	19,594	650	72
Carmania	19,524	650	72
Kronprinzessin Cecile	19,500	706	72
Æneas	19,500	500	60
Kaiser Wilhelm II.	19,361	684	72
Lapland	18,694	620	70
President Lincoln	18,074	616	68
President Grant	18,072	616	68
Franconia (building)	18,000		
Oceanic	17,274	685	68
Cleveland	17,000	608	65
Cincinnati	17,000	608	65
New Amsterdam	16,697	600	69
Deutschland	16,502	661	67
Megantic	15,877	565	67
Arabic	15,801	616	65
Republic	15,378	570	68
Sant' Anna	15,000		
Kronprinz Wilhelm	14,908	637	66
Laurentic	14,892	565	67
La Provence	14,744	602	65
Empress of Ireland	14,500	549	66
Kaiser Wilhelm der Grosse	14,349	626	66
Saxonia	14,281	580	64
Empress of Britain	14,189	549	65
Ivernia	14,058	582	65
Sant Ana	14,000	500	57
Mongolia	13,639	600	65
Carpathia	13,603	540	63
Cretic	13,507	582	60
Patricia	13,424	560	62
Minneapolis	13,401	600	66
Minnewaska	13,401	600	66
Minnetonka	13,398	600	66
Pennsylvania	13,333	559	62
Pretoria	13,234	561	62
Graf Waldersee	13,193	561	62
Grosser Kurfurst	13,182	560	62
Cymric	13,096	585	64
Kenilworth Castle	12,975	570	65
Lucania	12,952	601	65
Campania	12,950	650	72
Finland	12,760	578	60
Kroonland	12,760	560	60
Walmer Castle	12,546	570	64
Noordam	12,534	550	62
Ryndam	12,527	550	62
Potsdam	12,522	550	62
Suevic	12,500	550	63
Runic	12,482	550	63
Saxon	12,385	570	64
Moltke	12,335	525	62
Bluecher	12,334	525	62
Ionic	12,232	500	63
Corinthic	12,231	500	63
Vaderland	12,018	560	60
Medic	11,985	550	63
Persic	11,973	550	63
Zeeland	11,905	561	60
Haverford	11,635	531	59
St. Louis	11,629	535	63
St. Paul	11,629	535	63
Merion	11,621	530	59
Bremen	11,570	550	60
Batavia	11,490	501	62
Romanic	11,394	550	59
La Savoie	11,168	563	60
La Lorraine	11,146	563	60
Barbarossa	10,915	526	60
New York	10,798	517	63
Philadelphia	10,786	527	63
Virginian	10,754	520	60
Konigin Luise	10,711	523	60
Friedrich der Grosse	10,695	523	60
Konig Albert	10,643	499	60
Slavonia	10,606	510	59
Hamburg	10,531	499	60
Marmora	10,509	530	60
Statendam	10,491	515	60
Devonian	10,418	552	59
Winnifredian	10,405	552	59
Bavarian	10,387	501	59
Majestic	10,147	565	58
Amazon	10,100	513	60
Hellig Olav	10,085	500	58
Georgic	10,077	559	63
Main	10,058	501	58

MILITARY PLOT IN SPAIN.

Eighty army officers were arrested in Madrid Jan. 14, 1910, on the charge of conspiring with the conservatives to overthrow the government with the aid of the army. The Military club, of which they were members, was closed and the prisoners were sent to various provincial fortresses to be tried by court martial. The origin of the trouble was the complaint against the system of advancement for army officers.

OLD-AGE PENSIONS AND INDUSTRIAL INSURANCE.

IN THE UNITED STATES.

In his book on "Industrial Insurance in the United States," Prof. Charles R. Henderson of the University of Chicago summarizes the situation in regard to old-age pensions in this country as follows:

'A few of the trade unions have begun to establish funds for old-age retirement benefits. The fraternal societies exhibit a serious defect at this point. Under their system they can carry life insurance only to the region of old age and then the 'brother' must care for himself, a very inconsistent kind of fraternity, yet inseparable from present methods. The Mutualists of France have gone much farther in meeting this difficulty by establishing funds for old age and invalidism. Some of the railroad corporations, and even private firms, have founded funds for old-age pensions, and this movement seems to be growing in this country. Cities have pension funds for policemen, firemen and to some extent for teachers. The nation and the states have made the old age of veterans comfortable. It is perfectly clear that the common laborers of cities can never on present wages provide for old age without help of employers and the public; the outlook is simply hopeless. The income of the workingmen of cities is too small and too irregular to warrant any unaided attempt to provide for the last period of life."

GOVERNMENT PENSIONS.

In the ordinary service of the United States retiring pensions are confined to federal judges and the officers of the army and navy. The former at the age of 70, after ten years' service, may retire on full pay. The maximum pay on the retired list for officers of the army and navy is 75 per cent of the active pay of their respective ranks. The compulsory age of retirement in the army is 64 years and in the navy 62. The pensions paid to survivors of the civil and other wars are for service, disability, etc., and are not based on age or poverty, though they have the general effect of old-age pensions.

MUNICIPAL EMPLOYES' FUNDS.

Pension funds, authorized by legislative acts, have been established in many cities of the United States for certain classes of employes, such as policemen, firemen, teachers and public library attendants and help. These as a rule are maintained either by the retention of a certain percentage of the employes' salary or wages or by the setting aside for them of the proceeds of certain licenses and fines. From fifteen to twenty-five years of service are required, and the age of retirement, for police and firemen, is 50 years. The amount paid as a pension is usually half of the monthly or annual salary received at the time of retirement, though in some cases a maximum limit is placed.

RAILROAD PENSION SYSTEMS.

Apart from the death and temporary or permanent disability funds established by most of the railroad corporations of the United States, a number of them have organized old-age or superannuation pension systems. These are controlled entirely by the companies, the employes not contributing to them. No legal right to retention in the service or to a pension allowance is conferred. The pensions in most cases are based on age and length of service, monthly payments for life being made usually on the basis of 1 per cent of the average monthly pay for the ten years next preceding retirement for each year of service. Thus, if a man is retired after twenty years of service and his average pay for the last ten years was $100 a month, his monthly allowance will be $20. In most of the systems pensions for superannuation are granted to employes retired at 65 to 70 years of age, after from ten to twenty years of service, and for incapacitation, to employes from 60 to 69 years of age, with like service. The usual maximum age for entering the service of the railroads is 45 years. Pensioners are ordinarily allowed to engage in gainful occupations after their retirement. The following table will show the years of service required, the age of retirement and the per cent of the average monthly pay for the last ten years for each year of service allowed as a pension by certain railroad companies:

Railroad company.	Years service.	Retiring age.	Pension, per cent.
Atchison, Topeka & Santa Fe..	15	65	1¼
Atlantic Coast Line.....	10	65-70	1
Buffalo, Rochester & Pittsburg	20	65	2
Chicago, St. Paul, Minneapolis & Omaha.....	20	70	1
Chicago & Northwestern.....	20	70	1
Delaware, Lackawanna & Western	25	70	1
Illinois Central.....	10	65-70	1
Oregon Short Line.....	20	65-70	1
Pennsylvania Lines.....	30	70	1
Philadelphia & Reading.....	30	70	1
Union Pacific.....	20	70	1

The Metropolitan Street Railway company of New York, N. Y., has a pension department to which employes receiving less than $1,200 a year in wages are admitted. Pensions are paid to all employes who have reached the age of 70, and to employes 65 years of age who have worked for the company thirty-five years and have been disabled. The pension rates are: After thirty-five years of continuous service, 40 per cent of the average wages in the ten years immediately preceding retirement; service of thirty to thirty-five years, 30 per cent; service of twenty to thirty years, 25 per cent.

LABOR UNION PENSIONS.

In 1909 four large labor organizations had superannuation benefit systems in operation and several other unions had provided for similar systems to became operative at a future date. Those already paying old-age benefits were the Amalgamated Society of Carpenters and Joiners, Amalgamated Society of Engineers, Granite Cutters' International association and the International Typographical union.

In the Amalgamated Society of Carpenters and Joiners any ordinary member who is 50 years of age and incapable of earning the usual amount of wages, if he has been twenty-five years continuously in the society, is allowed $2.80 per week for life; any member who has been in the society continuously for eighteen years is allowed $2.45 per week for life.

In the Amalgamated Society of Engineers, a British society with branches in the United States, a member to become entitled to superannuation benefit must be 55 years of age and have been a member of the society twenty-five years. The amount of benefit is based on the class of membership as follows: Full members, highest class, forty or more years of membership, $3 per week; second class, thirty-five years of membership, $2.70 per week; third class, thirty years of membership, $2.40 per week; fourth class, twenty-five years of membership, $2.10 per week. In the machinist section the benefits range from $1.50 to $2.40 per week, according to class and service.

In the Granite Cutters' International Association of America any member reaching the age of 62 years who has been a member twenty years continuously, and in good standing during the ten years before reaching the age of 62, is entitled to a superannuation benefit of $10 per month for six months in each year thereafter, payments to begin with Nov. 1 of each year.

The International Typographical union began paying old-age pensions in August, 1908. Any member of the union 60 years of age, in good standing for twenty years, who finds it impossible to secure sustaining employment, may receive $4 per week, payable monthly. The union supports a home for aged and invalid printers in Colorado Springs, Col. To be admitted an applicant must have been a member of the union for at least five years and his application must be indorsed by the president and secretary of the subordinate union to which he belongs.

ESTABLISHMENT FUNDS.

Funds providing for old-age pensions have been instituted in a number of local industrial establishments, either by the companies or the em-

ployes. In three of the funds investigated in 1909 by the United States labor commissioner the age of eligibility to benefits is as follows: In the first, 70 years; in the second, 65 years with twenty-five years of service, and in the third, 70 years with twenty-five years of service, or, if incapacitated, 65 years with twenty-five years of service, or with fifteen years of service if holding membership in the benefit fund maintained in the establishment. The benefit payments of the funds are as follows: In the first, a lump sum not to exceed $500 from any surplus over $3,000, at the discretion of the managing board; in the second, $10 per month for life; in the third, $6 per week for life, the establishment, however, reserving the right to reduce payments under certain conditions.

The First National bank of Chicago has a bank pension fund. The age when any officer or employe may receive a pension is determined by the bank, but as a rule pensions are not granted until after fifteen years of service in the bank and the age of 60 years has been reached. Members of the fund are required to contribute 3 per cent of their salaries. The pension allowed is on the basis of one-fiftieth of the salary for each year at the age of superannuation, the maximum pensions being, however, subject to limitations.

The Western Electric company in 1906 set aside a fund of $400,000 for pensions. Employes who have reached the age of 60, and have been in the service of the company continuously for twenty years, are eligible to pensions. The rate of payment for age is conditioned upon the number of years the employe has been in the active service of the company and the amount of his average wages per year for the ten years preceding retirement. For each year of active service the annual rate is 1 per cent of the average annual pay during the ten years before retirement. The pension is for life.

The International Harvester company has a pension fund administered by a board of five members appointed by the board of directors of the company. The pension board may authorize the payment of a pension to any retired employe on the following basis:

(a) All employes, engaged in any capacity, are eligible to pensions.

(b) All male employes who shall have reached the age of 65 years, and have been twenty or more years in the service, may at their own request, or at the discretion of the pension board, be retired from active service and become eligible to a pension.

(c) All male employes who have been twenty or more years in the service shall be retired at the age of 70 years, unless at the discretion of the pension board some later date be fixed for such retirement. Persons occupying executive positions are exempt from the maximum age limit.

Woman employes are eligible to pensions at the age of 50 or 60 on the same conditions as man employes.

The sums which the pension board may authorize to be paid monthly to employes at the retired age limit shall be as follows: For each year of active service an allowance of 1 per cent of the average annual pay during the ten years next preceding retirement, but no pension shall exceed $100 a month, or be less than $18 a month. Pension allowances are nonassignable. Pensioners may engage in any business not prejudicial to the interests of the company. An illustration of how pensions are computed follows: If the average pay for the last ten years of active service equals $600, and if the service has been continuous for twenty-five years, the pension would be 25 per cent of $600, or $150 per year, or $12.50 per month. Since the minimum pension has been fixed at $18 per month, then to this regular percentage $5.50 would be added, making the minimum of $18.

The Carnegie foundation, established by Andrew Carnegie in 1905, provides old-age pensions for teachers in the higher institutions of learning. Length of service and disability are taken into consideration as well as age. The average allowance is about $1,500. (See "The Carnegie Foundation for the Advancement of Teaching" on another page in this volume.)

In 1901 Andrew Carnegie established a fund providing for accident and death benefits and pension allowances for employes of the Carnegie Steel company and its constituent companies, now included in the United States Steel corporation. Any employe who has reached the age of 60 years and has been at least fifteen years continuously in the service of the company and is incapacitated for further service, may be granted a pension by the board of trustees of the fund. Allowances are paid monthly for life on the following basis: For each year of service, 1 per cent of the average regular monthly pay received during the entire term of service.

OLD-AGE PENSIONS IN MASSACHUSETTS.

Savings banks incorporated under the laws of Massachusetts are permitted to establish life insurance and annuity departments. These issue five general forms of policies, as follows:

1. Straight life policy, on which premiums cease at age of 75.
2. Endowment policy, maturing at age of 65.
3. Endowment policy, maturing in twenty years.
4. Insurance and annuity policy. The full amount of insurance continues to the age of 65, at which time the payment of the premium ceases, the annuity beginning at the age of 65 and continuing throughout life. The insurance continues after the annuity begins, but is reduced by the amount of annuity paid until the payments on the annuity equal the full amount of the insurance, when the insurance ceases and the annuity continues. The annuity clause of the policy provides for an annuity equal (a) to one-fifth of the amount of the insurance, or (b) to two-fifths of the amount of the insurance.

PREMIUM RATES AT SELECTED AGES.

Kind and Amount of Policy.	Monthly premium at age of			
	20	30	40	50
$100 life policy, premiums ceasing at age of 75	$0.17	$0.23	$0.32	$0.48
$100 endowment policy, maturing at age of 65	.19	.26	.39	.68
$100 twenty-year endowment policy	.41	.44	.47	.55
$100 life policy to age of 65 and then an annuity of $20 for life	.22	.32	.50	.95
$100 life policy to age of 65 and then an annuity of $40 for life	.29	.44	.75	1.52
Pension of $100 per year to begin at age of 60—with return of premiums in event of death before pension begins:				
Men	99	1.76	3.36	8.37
Women	1.18	1.97	3.75	9.30
Without return of premiums in event of death before pension begins:				
Men	.82	1.42	2.79	7.39
Women	.92	1.61	3.17	8.36
Pension of $100 per year to begin at age of 65—with return of premiums in event of death before pension begins:				
Men	.68	1.08	1.98	4.23
Women	.80	1.24	.26	4.77
Without return of premiums in event of death before pension begins:				
Men	.48	.81	1.51	3.39
Women	.57	.97	1.80	4.02

5. Old-age pension policies:
   a. Pension beginning at age of 60 and payment of premium ceasing (1) with no return of premiums if death occurs before pension begins; (2) with the return of all premiums paid if death occurs before pension begins.
   b. Pension beginning at age of 65 and payment of premium ceasing (1) with no return of premiums if death occurs before pension begins; (2) with the return of all premiums if death occurs before the pension begins.

The premium rates are proportionately the same on all forms of policies. The premiums vary according to ages and are paid monthly. In old-age policies they are greater for women than for men. The maximum annuity that may be taken by a person in any one bank is $200, but policies may be taken by a person in two or more banks.

Savings banks in Massachusetts have no stockholders. Net profits in the banking department are divided among the depositors and all policies issued by the insurance department participate in dividends from the profits of that department.

IN FOREIGN COUNTRIES.

UNITED KINGDOM.

Under the terms of the old-age pension act of Aug. 1, 1908, every person, married or single, who has attained the age of 70 years, who is and has been for twenty years a British subject resident in the united kingdom and whose yearly income does not exceed £31 10s ($153.37), is entitled to a pension. Idlers, lunatics in asylums and those who have been convicts in prison within ten years are excluded. The pension is based upon the private income of the recipient in such manner that his total income, supplemented by the pension, will range from 10 to 13 shillings ($2.40 to $3.12) per week. The law gives 5 shillings to those whose incomes are £21 ($102.27) or less per year; 4 shillings (96 cents) to those whose incomes reach £23 12s 6d ($115); 3 shillings (72 cents) to those with incomes of £26 5s ($127.82); 2 shillings (48 cents) to those with incomes of £28 17s 6d ($130.56) and 1 shilling (24 cents) to those with incomes of £31 10s ($153.37).

Local pension committees are appointed by the borough councils and county councils, and to these committees the first applications are made. They are then referred to pension officers appointed by the treasury department and if the recommendations agree the pension is issued. In cases of dispute the matter is referred to the local government board, which is the final authority.

Sept. 30, 1909, the official figures on old-age pensions in the united kingdom were:

Country.	Population.	Pensioners.	Cost.
England and Wales	35,756,615	421,432	$18,363,700
Scotland	4,877,618	75,124	3,335,000
Ireland	4,374,158	186,202	8,619,500
Total	45,008,391	682,768	30,318,200

British Friendly Societies.

The so-called "friendly societies" of Great Britain and Ireland are largely mutual insurance societies organized by workingmen, clerks and tradesmen. Though for the most part the benefits secured through them are for illness, accident and funeral allowances, some of them provide superannuation funds and asylums for the aged. In general they tend to increase thrift and to diminish the chances of their members becoming dependent upon charity in their old age. The same is true of the postoffice and other savings banks.

There were in existence on Dec. 31, 1909, the following registered provident societies in the united kingdom:

Provident societies.	No.	Membership.	Funds.
Friendly societies	29,524	13,837,902	$279,504,556
Co-operative societies	2,953	2,679,805	283,792,303
Trade unions	634	1,971,328	29,179,690
Workmen's compensation schemes	40	65,277	423,050
Friends of labor loans societies	239	32,721	1,249,868
Societies not otherwise designated	1,864	622,614	359,982,640
Total	35,254	19,209,647	954,132,107

Of railway savings banks there were nineteen registered, with a membership of 65,712 and $29,768,502 deposits. There were 222 trustee savings banks, including investments in stock and special investment accounts, with a membership of 1,785,802 and deposits amounting to $303,505,930.

Of the postoffice savings banks, including investments in stock, there were 15,239 registered, with a membership of 11,018,251 and deposits amounting to $382,185,489. Altogether there were 15,480 certificated and postoffice savings banks, with 12,869,765 depositors and $1,215,459,921 deposits.

The total number of societies and savings banks in operation in the united kingdom on Dec. 31, 1909, was 50,734, whose members and depositors numbered 32,079,112 and whose funds deposited amounted to $2,169,592,028.

GERMANY.

Workmen's insurance laws, such as the sick-benefit law and the accident-insurance law, have existed in Germany for about a quarter of a century. The first old-age pension law was passed in 1889 and was amended in 1899. The insurance of all workmen is compulsory, employer and employe being obliged to pay fixed premiums, as established by law, and the government contributing a certain amount. From 1885 to 1907 the employers contributed $973,300,000, the workmen $851,587,500 and the government $121,662,500; total, $1,946,550,000. In 1906 out of every 1,000 day laborers 863 were protected by sick benefit, all against accident and 859 against old age and disability.

The most extensive of the insurance laws is the invalid and old-age pension. There are thirty-one offices for managing this department, employing 3,800 clerks. In 1907, 14,300,000 persons were protected by the invalid and old-age pension, the increase since 1900 being about 10 per cent. In 1907, $41,174,000 was paid as pensions and benefits, as compared with $63,379,400 for sickness and $35,771,400 for accidents. Since 1900 the indemnities have almost doubled. The premiums of the workmen amounted to about $19,516,000, or somewhat more than one-half of the indemnities. The general administration cost about $2,380,000, or approximately $1.67 per insured person. The fund increased from $201,110,000 in 1900 to $334,152,000 in 1909, which is about $23.80 per capita insured. This great sum of money is placed out, principally in loans to villages and private persons, in supporting the credit of agricultural districts, and in erecting good, sanitary workmen's dwellings, bathhouses, sanitariums and similar institutions. The mean rate of interest on the money so invested has varied since 1900 from 3.53 to 3.55 per cent. At the beginning of 1909 the statistics showed that 868,086 invalid, 108,637 old-age and 19,087 sick pensions would have to be paid during that year. Since 1907 the number of invalid pensions has risen from about 305,000 to 868,086, but, owing to the efficacy of this department of insurance, the strain on the old-age pension fund has gradually diminished, the number of old-age pensions having decreased from 203,955 in 1896 to 108,637 in 1909.

The old-age pension is given on the completion of the 70th year of the workman's age after contributions have been paid for 1,200 weeks. The contributions are paid half by the workmen and half by the employers, while the government grants a subsidy of $12.50 annually toward each pension. The weekly contribution ranges from 14 pfennig (3½ cents) to 36 pfennig (9 cents) a week. The workmen are divided into five classes according to the amount of wages received, those receiving the lowest wages being in class 1 and those getting the highest in class 5. The annual pension runs from $40 in class 1 to $70 in class 5.

FRANCE.

The French senate, March 22, 1910, passed the workmen's pension bill, which had been before the chamber for more than four years and had been agreed to by the deputies. The law affects about 17,000,000 persons, including all workers, railroad employes, miners and seamen for whom pensions had previously been arranged. Practically the new measure extended the old-age pension system, applicable to state employes, to all the laborers of France. For the creation of the pension fund contributions from three sources are provided.

1. Obligatory yearly contributions from the wage earner amounting to $1.80 for men, $1.20 for women and 90 cents for minors.

2. The contribution of the employer, which equals that of the wage earner.

3. The contribution of the state.

Experts differ as to what the state's contribution will be, but the generally accepted figure is $36,000,000 for the first year, the amount decreasing until the scheme works normally, when it will be about $25,000,000.

The beneficiaries are to draw their pensions at the age of 65, or after thirty years of service, with certain diminutions for advanced enjoyment. The amount of the pension is calculated on the basis of the total sum contributed up to the 65th year of the pensioner's life. To this the state adds an annuity of $12, increasing the pension for the longest term contemplated to $80.80 per annum.

COMMONWEALTH OF AUSTRALIA.

Under an act passed in 1908 invalid and old-age pensions are paid at such rates as the commissioner of pensions deems sufficient, but the amount must not exceed $130 a year, nor must the recipient's income, including the pension, amount to more than $260 a year. Old-age pensions are paid to persons who are at least 65 years of age (60 for women) and have lived in Australia twenty-five years or more. Invalid pensions are granted to persons who have lived in Australia at least five years, have become incapacitated and are without sufficient means of support. The labor party now in power proposes to lower the age of female pensioners to 55 years. The present annual expenditure on old-age pensions is about $7,500,000.

Prior to the federal act the various states of the commonwealth had old-age pensions of their own. In New South Wales a pension of $130 a year was granted to every person more than 65 years of age, or more than 60 if incapacitated from earning a living by injury or infirmity. The amount of the pension was diminished by $1 for every $5 of income from other sources and by $1 for every $75 of property possessed. In 1906-1907 the pensioners received $2,222,000.

In Victoria pensions were granted to persons more than 65 years of age or under that age if incapacitated from work by an unhealthy or hazardous occupation. The amount was fixed by the state treasurer, the maximum being $2.50 a week. In 1906-1907 the pensions amounted to $938,600. In Victoria the law of 1900 gave $1.50 a week to pensioners more than 65 years old.

NEW ZEALAND.

The law of 1898, amended in 1905 and consolidated in 1908, gives a pension of $130 a year to every needy and worthy applicant over 65 years of age, who is not an alien or an Asiatic. The pensioners in 1909 numbered 14,396 and the total yearly payment was $1,766,700. The average pension was $122.75. Pensions are paid out of state funds.

SPAIN.

In 1909 Spain inaugurated a national insurance scheme for old-age pensions based on the Belgian system. It provides for a deposit of 5 centimes (less than one cent) daily from the age of 10 to 65 years to produce after maturity a guaranteed pension of 1 peseta (20 cents) daily, increased deposits furnishing increased pensions. Pensioners are to share in any surplus due to decreased mortality or increased profits from investments. In the event of death the sums paid in are to be refunded to the heirs. The state pays all expenses of administration. It is estimated that in ten years there will be 1,000,000 members with a distribution of $800,000 annually.

DENMARK.

Pensions are paid to men and women more than 60 years of age, who have lived in Denmark five years or more, are of good character and are in need of assistance. This may be in cash or residence in hospital, but it must be sufficient for maintenance and for attendance in case of illness. The pension is paid by the district in which the recipient lives, half of it being refunded by the state. In the year ending March 31, 1908, 71,185 persons were relieved at a cost of $2,446,000. Persons who receive private assistance amounting to $27 a year or more are not allowed pensions.

BELGIUM.

Belgium has a voluntary pension or insurance system open to all citizens. The premiums paid by the insured range from $19.20 to $96 a year and the pensions begin at the 55th to the 56th year, the amount varying with the age at the first payment, but going up to $240 a year. Invalid pensions are paid to those who become incapacitated before the pension age arrives. The premiums are paid into a state fund, and a state subsidy of one-third of the pension is added. The fund in 1906 paid 8,277 pensions, the average of each pension being $39.60.

ITALY.

Invalid and old-age pensions in Italy are voluntary, but are regulated by law. It is virtually a workmen's insurance system under state control. Premiums of $1.20 to $19.20 a year are paid by the insured, the state adding a subsidy of $2.40 or more to each pension. Old-age pensions are given to those workers over 60 years of age who have paid premiums twenty-five years at a minimum rate of $24 a year.

AUSTRIA-HUNGARY.

Austria has an obligatory old-age pension law for miners, but for no other class of workers. Half of the premiums are paid by the employes and half by the employers. About 150,000 men are affected by the law. Hungary has a similar law applicable to about 100,000 miners. The invalid pensions range from $25 to $60 a year.

FAILURES IN THE UNITED STATES.

[From Dun's Review, New York.]

Calendar Year.	1st Quar.		2d Quar.		3d Quar.		4th Quar.		Total for Year.		
	No. failures.	Amt. of liabilities.	No. failures.	Amt. of liabilities.	No. failures.	Amt. of liabilities.	No. failures.	Amt. of liabilities.	No. failures.	Amt. of liabilities.	Average liabilities.
1896	4031	$57,425,135	2995	$40,444,547	3757	$73,284,649	4305	$54,941,803	15,088	$226,096,134	$14,992
1897	3932	48,007,911	2889	43,684,876	2881	25,601,188	3649	37,098,096	13,351	154,332,071	11,559
1898	3687	32,946,565	3051	34,498,074	2540	25,104,778	2908	38,113,482	12,186	130,662,899	10,722
1899	2772	27,152,081	2081	14,910,902	2001	17,640,972	2483	31,175,984	9,337	90,879,889	9,733
1900	2894	33,022,573	2438	41,724,879	2519	27,119,996	2923	36,628,225	10,774	138,495,673	12,854
1901	3335	31,703,486	2424	24,101,204	2324	24,756,172	2919	32,531,514	11,145	113,092,376	10,279
1902	3418	33,731,758	2747	26,643,098	2511	25,032,634	2939	32,069,279	11,615	117,476,769	10,114
1903	3200	34,344,433	2248	32,452,827	2548	34,858,595	3893	53,788,330	12,069	155,444,185	12,879
1904	3344	48,066,721	2870	31,424,188	2869	32,168,296	3016	32,543,106	12,199	144,202,311	11,820
1905	3443	30,162,505	2767	25,742,080	2596	20,329,443	2714	26,442,144	11,520	102,676,172	8,913
1906	3102	33,761,107	2510	28,902,967	2300	21,996,163	2770	34,541,278	10,682	119,201,515	11,159
1907	3134	32,075,591	2481	38,411,880	2483	46,467,686	3035	81,348,877	11,725	197,385,225	16,834
1908	4909	75,706,191	3860	58,797,264	3457	55,302,690	3524	42,638,161	15,690	222,315,684	14,169
1909	3850	44,460,950	2981	41,080,423	2896	27,594,498	3257	36,967,594	12,924	154,603,465	11,954
1910	3525	73,079,154	2863	39,160,152	3011	42,177,998					

NORTHWESTERN GAME AND FISH LAWS.

Revised to Oct. 1, 1910.

NOTE—The laws as given below are necessarily very much condensed and many of the restrictions as to modes of hunting and fishing and as to the transportation, export and sale of game are omitted. Copies of the state laws may usually be obtained by writing to the commissioners and wardens. The dates are for the open season except where it is otherwise specified.

ILLINOIS.

GAME—Deer protected until 1919; quail, Nov. 10 to Dec. 10; prairie chicken and partridges protected until 1911; woodcock or mourning doves, Aug. 1 to Nov. 30; snipe and plover, Sept. 1 to May 1; squirrels, June 1 to Nov. 15; pheasants cannot be killed until after July 1, 1913; wild geese, ducks, brant or other waterfowl, Sept. 1 to April 15. One person is limited to fifteen ducks, twelve quail, ten geese, ten brant and twenty other game birds in one day. The killing of wild birds other than sparrows, hawks, crows, blackbirds and crow-blackbirds is forbidden.

FISH—Fishing with nets, June 1 to April 15; with seines, July 1 to April 15; fishing with hook and line, all the year. Black bass, pike and pickerel may be taken only with hook and line. The meshes of seines must be at least 1¼ inches square. Minimum length or weight of fishes allowed to be sold: Black bass, 11 inches; white or striped bass, 8; rock bass, 8; river croppie, 8; white croppie, 8; yellow perch, 6; wall-eyed pike, 15; pike or pickerel, 18; buffalo, 15; German carp, 15; sunfish, 6; red-eyed perch, 6; white perch, 10; common whitefish, 1½ pounds; lake trout, 1½ pounds.

LICENSES—Issued by county, city and village clerks; hunting license for non-residents, $25.50; residents, $1. License for fishing with dip net in Lake Michigan, 60 cents; for steam tug used in fishing, $25.25; gasoline launch, $15.25; sailboat, $10.25; rowboat, $10.25.

State Game Commissioner—J. H. Wheeler, Springfield, Ill.

President Fish Commission—N. H. Cohen, Urbana.

WISCONSIN.

GAME ANIMALS—Beaver, protected at all times; deer, Nov. 10 to Nov. 30 (protected in certain counties); kill limit, one deer in one season; fawn, in spotted or red coat, protected; fisher, marten, mink and muskrat, Nov. 15 to March 15; moose, protected at all times; otter, Sept. 15 to March 1; rabbit and squirrel, Sept. 10 to Feb. 1; coon, Oct. 1 to Jan. 1.

GAME BIRDS—Grouse (protected in certain counties), Sept. 10 to Oct. 1; partridge, plover, Sept. 10 to Dec. 1; prairie chicken and hen, Sept. 10 to Oct. 1 (protected in certain counties); pheasants and quail, protected until 1915; duck of all varieties and rail or rice hen, Sept. 1 to Jan. 1; wild goose or brant, Sept. 10 to May 1; swan protected at all times. Bag limits: Grouse, prairie chicken, geese or brant, 10; partridge, 15; wild duck, mud hen, plover, rail or rice hen, 25; mixed bag of game birds, 30.

GAME FISH—Catfish, May 25 to March 1; black bass, June 1 to March 1 (special in certain waters and as to size); brook trout, April 15 to Sept. 1; bass (green, silver, rock and white), fiddler, catfish, pickerel, pike and muskellunge, May 25 to March 1 succeeding.

LICENSES—Nonresidents, for all kinds of game, $25; for all kinds except deer, $10; license for residents, $1.

State Fish and Game Warden—George W. Rickeman, Madison, Wis.

MICHIGAN.

GAME ANIMALS—Moose, elk and caribou protected until 1913; elk, unlawful to kill until 1918 on Bois Blanc island; deer, open season from Nov. 10 to Nov. 30 inclusive; unlawful for any person to kill more than two or to use dogs or artificial lights in hunting; unlawful to kill deer in water; unlawful to kill until 1912 in Arenac, Bay, Benzie, Cheboygan, Emmet and Leelanau counties and until 1918 on Bois Blanc island; rabbits, unlawful to use ferrets in certain counties; squirrel, open season from Oct. 15 to Nov. 30; beaver, unlawful to kill until 1913; bear, otter, fisher marten, fox, mink, raccoon and skunk, unlawful to kill from May 1 to Nov. 1; muskrat, unlawful to kill from April 15 to Nov. 1; bounties paid for killing wolf, lynx and wildcat.

GAME BIRDS—Unlawful to kill Mongolian or English pheasants, wild turkey, hazel grouse and wild pigeon until 1910; quail protected until Oct. 15, 1914; prairie chicken, protected; partridge and spruce hen, open season on lower peninsula Oct. 15 to Nov. 30; on upper peninsula, Oct. 1 to Nov. 30; European partridge, unlawful to kill until 1912; homing pigeons and mourning doves, unlawful to kill or capture at any time; duck, plover, snipe and woodcock and any kind of waterfowl, open season from Sept. 1 to Jan. 1; snipe, geese, brant, bluebill, canvasback, widgeon, pintail, whistler, spoonbill, redhead, butterball and sawbill duck may also be killed between March 2 and April 25; geese and brant in Chippewa county, open season all the year.

FISH—Landlocked salmon, grayling and speckled, California, Loch Leven and steelhead trout, open season from May 1 to Sept. 1; sturgeon or black, strawberry, green or white bass, unlawful to take from inland waters except with hook and line; bass, unlawful to take in any manner from Feb. 1 to June 15.

LICENSES—Nonresidents (for deer), $25; residents, $1.50; nonresidents for all game except deer, $10.

State Game, Fish and Forestry Warden—Charles S. Pierce, Lansing, Mich.

MINNESOTA.

GAME—Deer and male moose, Nov. 10 to 30; kill limit for moose one and for deer two; no open season for caribou, elk, beaver or pheasants; doves, snipe, prairie chicken, grouse, woodcock and plover, Sept. 7 to Nov. 7; quail, ruffed grouse or partridge and pheasant, Oct. 1 to Dec. 1; wild ducks, geese, brant and other aquatic fowls, Sept. 7 to Dec. 1; kill limit, fifteen birds a day; mink and muskrat, Nov. 15 to April 15.

FISH—Trout, April 15 to Sept. 1; black, gray or Oswego bass, May 29 to March 1; pike, muskellunge, whitefish, croppie, perch, sunfish, sturgeon, lake trout and catfish, May 1 to March 1; pickerel, suckers, bullheads, red horse and carp may be taken at any time with spear.

LICENSES—Nonresidents, $25 for all game animals and $10 for game birds; licenses obtained from state commissioners; resident's license, obtained from county auditors, $1.

Executive Agent of Game and Fish Commissioners—H. A. Rider, St. Paul, Minn.; superintendent of fisheries, E. W. Cobb, St. Paul.

IOWA.

GAME—Pinnated grouse and prairie chicken, Sept. 1 to Dec. 1; woodcock, July 10 to Jan. 1; ruffed grouse, pheasants, wild turkey and quail, Nov. 1 to Dec. 15; wild duck, geese and brant, Sept. 1 to April 15; squirrel, Sept. 1 to Jan. 1; beaver, mink, otter, muskrat, Nov. 1 to April 1; Mongolian, ring neck or Chinese pheasant protected until Oct. 1, 1915.

FISH—Trout and salmon, April 15 to Oct. 1; bass, pike, croppies and other game fish, May 15 to Nov. 15.

LICENSES—Nonresidents, $10.50; residents, $1.

Warden—George A. Lincoln, Cedar Rapids, Iowa.

INDIANA.

GAME—Quail, ruffed and pinnated grouse, Nov. 10 to Jan. 1; squirrels, July 1 to Oct. 1; wild geese, ducks, brant and other wild waterfowl, Sept. 1 to April 15; wild deer, turkeys, prairie chicken, Hungarian partridge and Mongolian pheasants, protected. There is an entirely closed season on all hunting except of wild duck and other waterfowl from Oct. 1 to Nov. 10 of each year.

FISH—Fishing with hook and line lawful during whole year except in Bass lake, where it is unlawful to fish through ice.

LICENSES—Residents, $1; issued by clerks of county Circuit courts; nonresidents, $15.50.

Game Commissioner—Z. T. Sweeney, Columbus, Ind.

NEBRASKA.

GAME—Deer, antelope and beaver protected; prairie chicken and grouse, Oct. 1 to Nov. 30; quail, protected; wild ducks and geese, Sept. 15 to April 5; snipe, yellowlegs and plover, Sept. 15 to April 30; squirrels, Oct. 1 to Nov. 30.

FISH—Trout, April 1 to Sept. 30; bass, June 1 to Nov. 15; all other fish, April 1 to Nov. 15.

LICENSES—For residents, $1; nonresidents, to fish, $3; to hunt and fish, $10; issued by county clerks.

Chief Deputy Game and Fish Commissioner—Dan Geilus, Lincoln, Neb.

COLORADO.

GAME—Deer, Oct. 1 to Oct. 10 (limit, one deer); mountain sheep, antelope and elk protected; prairie chickens, Oct. 1 to Oct. 20; sage chickens and grouse, Sept. 10 to Oct. 10; wild turkey protected; wild waterfowl, Sept. 10 to April 15; doves, Aug. 20 to Sept. 5; quail protected.

FISH—Trout not less than seven inches long, May 25 to Nov. 30.

LICENSES—Hunting license for nonresidents, $10; fishing license for nonresidents, $2; no license required by residents.

Commissioner—T. J. Holland, Denver, Col.

NORTH DAKOTA.

GAME—Prairie chicken, turtle dove, snipe, plover, pinnated grouse, sharp-tailed grouse, ruffed grouse, woodcock, Sept. 7 to Nov. 1; quail and pheasant protected; wild duck, Sept. 1 to May 1; wild geese, cranes and brant, Sept. 7 to Dec. 15; buffalo, moose, elk, caribou, mountain sheep, permanently protected; deer, Nov. 10 to Dec. 1; mink and muskrat, Nov. 15 to April 15; beaver and otter protected; antelope protected until 1920.

FISH—Trout and salmon, May 1 to Oct. 1; bass, June 1 to Oct. 15; pike, croppie and perch, May 1 to Oct. 15; fishing with hook and line alone allowed.

LICENSES—Nonresidents, $25; residents, $1;

Game Wardens—District No. 1, W. N. Smith; district No. 2, Olaf Bjorke.

SOUTH DAKOTA.

GAME—Buffalo, elk, deer, mountain sheep, Nov. 1 to Dec. 1; prairie chicken, grouse, protected to 1911; woodcock, wild duck, geese, brant, plover and curlew, Sept. 10 to April 10; beaver and otter, Sept. 1 to May 1.

FISH—Bass, carp, shad and croppies, May 1 to Oct. 1; trout, May 1 to Sept. 1.

LICENSES—For nonresidents, who must be accompanied by a warden as guide, $25; for small game only, $10; issued by county treasurers.

Wardens—Each county has a fish and game warden.

MONTANA.

GAME—Elk, mountain goat and sheep, deer, Oct. 1 to Dec. 1; prairie chickens, sage hens and partridge, Oct. 1 to Nov. 1; wild waterfowl, Sept. 1 to Jan. 1.

FISH—No restrictions.

LICENSES—Nonresidents, for big and small game and fishing, $25; for bird hunting and fishing, $10; fishing alone, $1; resident's license, $1.

Warden—Henry Avare, Helena, Mont.

IDAHO.

GAME—Deer, elk, mountain sheep and goat, Sept. 1 to Dec. 1; moose, caribou, antelope, buffalo, protected; quail, Nov. 1 to Dec. 1; sage hen, partridge, pheasant or grouse, Aug. 15 to Dec. 1; turtle dove, July 15 to Dec. 1; Mongolian pheasant, Canada grouse or fool hen, protected; snipe, plover, duck and goose, Sept. 1 to March 1.

LICENSES—Nonresidents, fishing, $2; bird, $5; big game, $25; all, $32. Resident, fishing, $1; bird or big game, no license required.

FISH—Fishing with hook and line only permitted all the year.

Warden—W. N. Stephens, Boise, Idaho.

WYOMING.

GAME—Deer, elk, male mountain sheep, Sept. 25 to Nov. 30 (elk and male mountain sheep can be killed only in the counties of Fremont, Uinta, Carbon, Park and that part of Big Horn west of the Big Horn river); unlawful to kill beaver and moose until 1912; antelope, 1915; ducks and geese, Sept. 1 to April 30; sage grouse, Aug. 1 to Sept. 30 (cannot be killed in counties of Natrona and Sheridan); grouse, other than sage grouse, Sept. 25 to Nov. 30; unlawful to kill geese, quail, Mongolian pheasant.

FISH—Fishing open the year round with hook and line.

LICENSES—For nonresidents, for birds only, $5; for big game and bear, $50; for one additional elk, $50; each nonresident must be accompanied by a licensed guide, but one guide can accompany one man and one woman; nonresident not allowed to have gun in his possession without a license. Residents, bird license, $1.50; residents, big game, $2.50; for one additional elk, $17.50; alien's bird license, $20; alien's big game license, $50. Licenses issued by any justice of the peace or assistant warden.

Warden—D. C. Nowlin, Lander, Wyoming.

AVERAGE VALUE PER ACRE OF MEDIUM FARMS.

[From report of the United States department of agriculture.]

State or territory.	1900.	1905.
Maine	$20.52	$23.13
New Hampshire	38.93	41.18
Vermont	20.68	23.23
Massachusetts	41.29	45.47
Rhode Island	39.63	40.65
Connecticut	44.70	46.81
New York	43.58	51.54
New Jersey	58.81	65.44
Pennsylvania	40.16	44.80
Delaware	32.28	37.46
Maryland	28.98	33.81
Virginia	16.19	20.62
West Virginia	18.31	23.11
North Carolina	11.78	16.04
South Carolina	10.96	16.87
Georgia	8.87	13.56
Florida	16.40	25.81
Ohio	$47.22	$57.43
Indiana	41.47	54.96
Illinois	54.83	75.31
Michigan	29.94	36.61
Wisconsin	37.34	48.90
Minnesota	28.44	35.38
Iowa	49.51	64.56
Missouri	24.43	34.70
North Dakota	10.80	18.42
South Dakota	13.66	22.56
Nebraska	20.60	31.73
Kansas	15.51	23.99
Kentucky	25.68	32.70
Tennessee	17.40	22.56
Alabama	7.89	11.73
Mississippi	10.03	15.94
Louisiana	18.72	26.46
Texas	$8.45	$11.83
Indian Territory	9.51	14.26
Oklahoma	9.90	17.49
Arkansas	11.23	16.67
Montana	5.66	8.18
Wyoming	4.87	8.83
Colorado	9.71	15.08
New Mexico	5.09	7.76
Arizona	7.21	10.49
Utah	14.88	20.55
Nevada	7.66	10.94
Idaho	11.93	19.65
Washington	15.55	24.89
Oregon	10.94	16.45
California	22.20	28.29
United States	$1.80	$9.11

DEATH OF MARK TWAIN.

Samuel Langhorne Clemens, widely known as "Mark Twain," author of "Innocents Abroad," "Tom Sawyer," "Huckleberry Finn" and many other popular stories of a humorous character, died at "Stormfield," his home, in Redding, Conn., Thursday, April 21, 1910. The immediate cause of his death was angina pectoris, but his health had been greatly affected by the passing away of his invalid daughter, Jean, and of his friends, H. H. Rogers, W. M. Laffan and R. W. Gilder. He spent a part of the winter in Bermuda, but returned home April 14 in a weakened condition. The funeral services were held in the Brick Presbyterian church in New York, N. Y., April 23, the Rev. Dr. Henry Van Dyke making the address. The interment was at Elmira, N. Y., where Mrs. Clemens and daughters, Susan and Jean, and infant son, Langhorne, are also buried. Mr. Clemens left a fortune, estimated at $1,000,000, to his only surviving child, Mrs. Ossip Gabrilowitsch. The author was 74 years old at the time of his death.

INTERNAL REVENUE RECEIPTS.

Comparative statement showing the receipts from the several objects of internal taxation in the United States during the fiscal years ended June 30, 1909 and 1910.

OBJECTS OF TAXATION.	1909.	1910.	Increase.	Decrease.
SPIRITS.				
Spirits distilled from apples, peaches, grapes, pears, pineapples, oranges, apricots, berries, prunes, figs and cherries	$2,035,770.01	$2,424,616.06	$388,846.05	
Spirits distilled from materials other than apples, peaches, grapes, pears, pineapples, oranges, apricots, berries, prunes, figs and cherries	126,279,411.44	139,098,938.00	12,819,526.56	
Rectifiers (special tax)	300,696.49	308,892.43	8,195.94	
Retail liquor dealers (special tax)	5,257,980.16	5,057,191.42		$190,788.74
Wholesale liquor dealers (special tax)	641,575.28	659,610.70	18,035.42	
Manufacturers of stills (special tax)	1,304.22	1,187.53		116.69
Stills and worms, manufactured (special tax)	1,790.00	2,100.00	310.00	
Stamps for distilled spirits intended for export	2,290.65	2,024.15		266.50
Case stamps for distilled spirits bottled in bond	231,339.50	318,954.00	87,614.50	
Grape brandy used in the fortification of sweet wines	115,876.37	145,697.25	29,820.88	
Total	134,868,034.12	148,029,211.54	13,161,177.42	
TOBACCO.				
Cigars weighing more than 3 pounds per thousand	20,257,718.86	21,197,710.43	939,991.57	
Cigars weighing not more than 3 pounds per thousand	556,598.79	580,748.40	24,149.61	
Cigarettes weighing not more than 3 pounds per thousand, 36 cents per lb	5,564,396.12	7,325,801.88	1,761,405.76	
Cigarettes weighing not more than 3 pounds per thousand, 18 cents per lb	504,399.57	589,680.66	85,281.09	
Cigarettes weighing more than 3 pounds per thousand	57,447.81	64,346.12	6,898.31	
Snuff	1,621,177.66	1,920,602.65	299,424.99	
Tobacco, chewing and smoking	23,325,439.23	26,210,461.45	2,885,022.22	
Total	51,887,178.04	57,889,351.59	6,002,173.55	
FERMENTED LIQUORS.				
Ale, beer, lager beer, porter and other similar fermented liquors	56,363,496.68	59,485,116.82	3,121,620.14	
Brewers (special tax)	157,997.59	155,556.40		2,441.19
Retail dealers in malt liquors (special tax)	402,801.66	364,804.42		37,997.24
Wholesale dealers in malt liquors (special tax)	592,115.49	566,810.90		25,304.59
Total	57,456,411.42	60,572,288.54	3,115,877.12	
OLEOMARGARINE.				
Oleomargarine, domestic, artificially colored in imitation of butter	422,877.77	349,197.80		73,679.97
Oleomargarine, free from coloration that causes it to look like butter of any shade of yellow	215,982.56	340,658.62	124,676.06	
Oleomargarine imported from foreign countries	6.30			6.30
Manufacturers of oleomargarine (special tax)	20,450.00	20,000.00		450.00
Retail dealers in oleomargarine artificially colored in imitation of butter (special tax)	53,342.00	70,462.88	17,120.88	
Retail dealers in oleomargarine free from artificial coloration (special tax)	112,525.22	199,891.50	87,366.28	
Wholesale dealers in oleomargarine artificially colored in imitation of butter (special tax)	6,880.00	7,000.00	120.00	
Wholesale dealers in oleomargarine free from artificial coloration (special tax)	70,133.46	112,292.04	42,158.58	
Total	902,197.31	1,099,502.84	197,305.53	
FILLED CHEESE.				
Filled cheese, domestic	1,511.02	2,341.58	830.56	
Manufacturers of filled cheese (special tax)	333.34	400.00	66.66	
Retail dealers in filled cheese (special tax)	4.50	12.00	7.50	
Wholesale dealers in filled cheese (special tax)	93.75	93.75		
Total	1,942.61	2,847.33	904.72	
MIXED FLOUR.				
Per barrel of 196 lbs or more than 98 lbs		24.60	24.60	
Half barrel of 98 lbs or more than 49 lbs	1,753.39	2,100.50	347.11	
Quarter barrel of 49 lbs or more than 24½ lbs	343.80	555.55	211.75	
Eighth barrel of 24½ lbs or less	203.85	126.65		77.20
Manufacturers, packers or repackers of mixed flour (special tax)	317.00	244.00		73.00
Total	2,618.04	3,051.30	433.26	
ADULTERATED BUTTER.				
Adulterated butter manufactured or sold, etc	13,341.70	15,660.70	2,319.00	
Manufacturers of adulterated butter (special tax)	20,547.00	18,342.00		2,205.00
Retail dealers in adulterated butter (special tax)	1,182.00	1,108.00		74.00
Wholesale dealers in adulterated butter (special tax)	3,380.00	2,240.00		1,140.00
Total	38,450.70	37,350.70		1,100.00
PROCESS OR RENOVATED BUTTER.				
Process or renovated butter manufactured or sold, etc	120,435.54	119,213.06		1,222.48
Manufacturers of process or renovated butter (special tax)	1,729.21	2,341.67	612.46	
Total	122,164.75	121,554.73	612.46	610.02

INTERNAL REVENUE.—CONTINUED.

OBJECTS OF TAXATION.	1909.	1910.	Increase.	Decrease
BANKS, BANKERS, ETC.				
Notes of persons, state banks, towns, cities, etc., paid out	....	$174.85	$174.85	.....
Total	.....	174.85	174.85	.....
MISCELLANEOUS.				
Excise tax on corporations	.....	20,959,783.74	20,959,783.74	.....
Playing cards	$502,252.58	565,524.34	63,271.76	.....
Penalties	411,987.53	434,705.95	22,718.42	.....
Collections not otherwise herein provided for	19,482.12	12,667.27	.....	$6,814.85
Total	933,722.23	21,972,681 30	21,038,959.07	.....
Aggregate receipts	246,212,719.22	289,728,014.72	43,515,295.50	.....

COLLECTIONS BY DISTRICTS.

Fiscal year ended June 30, 1910.

Collection districts.	Names of collectors.	Aggregate collections.
Alabama	Joseph O. Thompson	$196,090.91
Arkansas	Frank W. Tucker	145,339.69
1st California	August E. Muenter	6,555,198.91
4th California	Wanton A. Shippee	713,171.09
6th California	Claude I. Parker	974,656.25
Dist. of Colorado	Frank W. Howbert	948,810.24
Dist. of Connecticut	Robert O. Eaton	2,724,799.86
Dist. of Florida	Joseph E. Lee	1,431,224.12
Dist. of Georgia	Henry A. Rucker	450,987.23
Dist. of Hawaii	Walter F. Drake	209,132.51
1st Illinois	Henry L. Hertz	10,625,177.71
5th Illinois	Percival G. Rennick	29,419,080.00
8th Illinois	Frank L. Smith	8,569,689.25
13th Illinois	Walter S. Louden	551,325.77
6th Indiana	Elam H. Neal	10,714,721.85
7th Indiana	John R. Bonnell	13,653,342.28
7th Indiana	Charles G. Covert	4,517,175.89
3d Iowa	Michael J. Tobin	499,273.08
4th Iowa	Harry O. Weaver	627,898.93
Dist. of Kansas	James M. Simpson	664,632.62
2d Kentucky	Edward T. Franks	1,435,118.31
2d Kentucky	Lawson Reno	1,982,386.45
5th Kentucky	Joseph A. Craft	10,302,993.80
5th Kentucky	Ludlow F. Petty	7,204,246.98
6th Kentucky	Maurice L. Galvin	4,295,905.01
7th Kentucky	Samuel J. Roberts	3,971,136.68
8th Kentucky	J. Sherman Cooper	3,068,491.24
Dist. of Louisiana	Edward I. Seyburn	4,082,353.52
Dist. of Maryland	P. L. Goldsborough	8,310,056.36
3d Massachusetts	James D. Gill	5,676,103.69
1st Michigan	Malcolm J. McLeod	5,976,016.20
4th Michigan	Samuel M. Lemon	919,698.39
Dist. of Minnesota	F. Von Baumbach	2,995,236.00
1st Missouri	Edmund B. Allen	8,915,619.90
6th Missouri	Charles G. Burton	1,949,291.96
Dist. of Montana	Edward H. Callister	813,385.05
Dist. of Nebraska	Ross L. Hammond	2,742,756.02
Dist. of N. Hampshire	E. O. Crossman	704,663.34
1st New Jersey	Isaac Moffett	606,257.72
5th New Jersey	H. C. H. Herold	8,227,958.81
Dist. of New Mexico	H. P. Bardshar	128,068.25
1st New York	Edward B. Jordan	5,855,089.82
1st New York	William J. Maxwell	3,476,685.05
2d New York	Charles W. Anderson	7,011,092.70
3d New York	Ferdinand Eidman	7,242,181.12
3d New York	T. F. McGowan, acting	1,972,634.71
14th New York	John G. Ward	5,548,349.92
21st New York	Peter E. Garlick	2,352,567.68
28th New York	Archie D. Sanders	2,698,625.39
4th North Carolina	Wheeler Martin	2,655,181.44
5th North Carolina	George H. Brown	3,264,452.58
Dist. of N. and S. Dakota	H. Ellerman	217,857.35
1st Ohio	Bernhard Bettmann	14,444,866.53
10th Ohio	William V. McMaken	2,359,509.86
11th Ohio	David H. Moore	244,051.50
11th Ohio	Willis G. Bowland	832,558.57
18th Ohio	Frank McCord	1,117,347.71
18th Ohio	Alfred N. Rodway	1,984,510.59
Dist. of Oregon	David M. Dunne	743,981.61
1st Pennsylvania	William McCoach	8,569,677.33
9th Pennsylvania	Henry L. Hershey	3,039,705.41
12th Pennsylvania	Griffith T. Davis	2,236,115.97
23d Pennsylvania	Daniel B. Heiner	12,116,471.59
Dist. of South Carolina	M. J. Jenkins	167,046.92
Dist. of Tennessee	Robert S. Sharp	1,825,425.04
Dist. of Tennessee	William A. Dunlap	516,930.77
3d Texas	Webster Flanagan	860,722.60
4th Texas	Philemon B. Hunt	$342,038.22
2d Virginia	Marion K. Lowry	5,022,923.18
6th Virginia	L. P. Summers	1,012,247.30
Dist. of Washington	B. D. Crocker	340,890.42
Dist. of Washington	M. T. Hartson	874,240.42
Dist. of West Virginia	George E. Work	1,593,868.92
1st Wisconsin	Henry Fink	7,553,327.40
2d Wisconsin	Frank R. Bentley	1,135,366.53
Total		289,728,014.72

RECEIPTS BY STATES AND TERRITORIES.

States and territories.	Aggregate collections.
Alabama and Mississippi	$196,090.91
Arkansas	145,339.69
California and Nevada	8,243,026.25
Colorado and Wyoming	948,810.24
Connecticut and Rhode Island	2,724,799.86
Florida	1,431,224.12
Georgia	450,987.23
Hawaii	209,132.51
Illinois	49,165,272.73
Indiana	28,885,240.02
Iowa	1,127,172.01
Kansas and Oklahoma	664,632.62
Kentucky	32,260,278.47
Louisiana	4,082,353.52
Maryland*	8,310,956.36
Massachusetts	5,676,103.69
Michigan	6,895,714.59
Minnesota	2,995,236.00
Missouri	10,864,911.86
Montana, Idaho and Utah	813,385.05
Nebraska	2,742,756.02
New Hampshire, Maine and Vermont	704,663.34
New Jersey	8,834,216.53
New Mexico and Arizona	128,068.95
New York	36,157,226.39
North Carolina	5,919,634.02
North and South Dakota	217,857.35
Ohio	20,982,844.76
Oregon	743,981.61
Pennsylvania	25,961,970.30
South Carolina	167,046.92
Tennessee	2,342,355.81
Texas	1,202,760.82
Virginia	6,035,170.48
Washington and Alaska	1,215,130.84
West Virginia	1,593,868.92
Wisconsin	8,688,693.93
Total	289,728,014.72

*Includes Delaware, District of Columbia and two counties of Virginia.

UNITED STATES INTERNAL REVENUE TAXES.

SPECIAL TAXES IN FORCE.

Brewers of less than 500 barrels	$50.00
Brewers of 500 barrels or more	100.00
Rectifiers of less than 500 barrels	100.00
Rectifiers of 500 barrels or more	200.00
Dealers, retail liquor	25.00
Dealers, wholesale liquor	100.00
Dealers in malt liquors, wholesale	50.00
Dealers in malt liquors only, retail	20.00
Manufacturers of stills	50.00
And for each still manufactured	20.00
And for each worm manufactured	20.00
Manufacturers of oleomargarine	600.00

Wholesale dealers in oleomargarine	$480.00
Wholesale dealers in oleomargarine not artificially colored	200.00
Retail dealers in oleomargarine	48.00
Retail dealers in oleomargarine not artificially colored	6.00
Manufacturers of renovated butter*	50.00
Manufacturers of adulterated butter	600.00
Wholesale dealers in adulterated butter	480.00
Retail dealers in adulterated butter	48.00
Manufacturers of filled cheese	400.00
Wholesale dealers in filled cheese	250.00
Retail dealers in filled cheese	12.00
Manufacturers and packers of mixed flour	12.00

*No special taxes are imposed upon dealers in renovated butter.

SPIRITS, WINES AND LIQUORS.

Distilled spirits, per gallon	$1.10
Wines, imitation, pint bottle	.10
Quart bottle	.20
Fermented liquor (beer), per brl. of 31 gals	1.00

TOBACCO.

Tobacco, per pound	$0.06
Snuff, per pound	.06
Cigars, over 3 lbs. per 1,000	$3.00
Not over 3 lbs. per 1,000	.54
Cigarettes, over 3 lbs. per 1,000	3.00
Not over 3 lbs., value over $2.00	1.08
Not over 3 lbs., value not over $2.00	.54

OLEOMARGARINE.

Oleomargarine, colored, per lb	$0.10
Not colored	¼c
Imported	.15

BUTTER AND CHEESE.

Adulterated butter, per lb	$0.10
Renovated butter, per lb	¼c
Filled cheese, per lb	.01
Imported	.08

MISCELLANEOUS.

Opium, smoking, per lb	$10.00
Playing cards, 54 in pack	.02
Mixed flour, barrel of 196 lbs	.04
Half barrel	.02
Quarter barrel	.01
Circulation issued by bank, per month, 1-12 of	1%
On notes for circulation	10%
Corporation tax (on net income)	1%

BIRD RESERVATIONS IN THE UNITED STATES.

For the purpose of preserving the native wild birds of the country from destruction, the United States in 1903 inaugurated the plan of setting aside regions that contain important colonies of breeding birds as bird reservations or "refuges." The first reserve created was that including Pelican island, Florida, containing a colony of brown pelicans. Since then many other reserves have been established by executive order in various parts of the union. The localities set aside are under the supervision of the secretary of agriculture and of wardens appointed by him, one warden usually caring for all the reservations within a state. Under a federal law, approved June 28, 1906, it is unlawful for any person to hunt, trap, capture, willfully disturb or kill any bird of any kind or take the eggs of such birds on any lands of the United States which have been set apart or reserved as breeding grounds for birds by any law, proclamation or executive order, except under such rules as the secretary of agriculture may prescribe. Violations of the law are punishable by fines up to $500, or imprisonment for six months, or both. Following is a list of the existing bird reserves in the order of their establishment:

Pelican island, Fla., 1903.
Breton islands, La., 1904.
Stump lake, N. D., 1905.
Huron islands, Mich., 1905.
Siskiwit islands, Mich., 1905.
Passage key, Fla., 1905.
Indian key, Fla., 1906.
Tern islands, La., 1907.
Shell keys, La., 1907.
Flattery rocks, Wash., 1907.
Quillayute Needles, Wash., 1907.
Three Arch rocks, Ore., 1907.
Copalis rock, Wash., 1907.
East Timbalier island, La., 1907.
Mosquito inlet, Fla., 1908.
Tortugas keys, Fla., 1908.
Klamath lake, Ore. and Cal., 1908.
Key West, Fla., 1908.
Lake Malheur, Ore., 1908.
Chase lake, N. D., 1908.
Pine island, Fla., 1908.
Matlacha pass, Fla., 1908.
Palma Sola, Fla., 1908.
Island Bay, Fla., 1908.
Loch Katrina, Wyo., 1908.
East Park, Cal., 1909.
Cold Springs, Ore., 1909.
Shoshone, Wyo., 1909.
Pathfinder, Wyo., 1909.
Bellefourche, S. D., 1909.
Strawberry valley, Utah, 1909.
Salt river, Ariz., 1909.
Deer Flat, Idaho, 1909.
Minidoka, Idaho, 1909.
Willow creek, Mont., 1909.
Carlsbad, N. M., 1909.
Rio Grande, N. M., 1909.
Kreechelus lake, Wash., 1909.
Keechelus lake, Wash., 1909.
Cle Elum lake, Wash., 1909.
Bumping lake, Wash., 1909.
Conconnully, Wash., 1909.
Yukon delta, Alaska, 1909.
Bering sea, Alaska, 1909.
Pribilof, Alaska, 1909.
Tuxedni, Alaska, 1909.
St. Lazaria, Alaska, 1909.
Farallon, Cal., 1909.
Culebra, Porto Rico, 1909.
Hawaiian islands, 1909.
Bogoslof, Alaska, 1909.

AMERICAN AND EUROPEAN ZOOLOGICAL GARDENS.

American.

Detroit—In Belle Isle park.
Chicago—In Lincoln park.
Cincinnati—Zoological park.
Milwaukee—In West park.
New York—In Bronx park.
New York—In Central park.
Philadelphia—Zoological park.
Pittsburg—In Schenley park.
San Francisco—In Golden Gate park.
Washington—National Zoological park.

European.

Amsterdam—"Artis."
Antwerp—Dierentuin.
Berlin—Thiergarten.
Cologne—Zoologisch garten.
Copenhagen—Dyrehave.
Dublin—In Phœnix park.
Hamburg—Zoologisch garten.
Hamburg—Hagenbeck collection.
Hanover—Zoologisch garten.
London—In Regent's park.

NATIONAL GAME PRESERVES.

The following national game preserves situated within national forests have been designated under special acts of congress for the protection of wild animals.

Name.	National forest.	State.	Act approved.	Proclamation effective.	Acres.
Grand canyon	Coconino and Kaibab	Arizona	June 29, 1906 (34 Stat., 607)	June 3, 1909	1,492,928
Wichita	Wichita	Oklahoma	Jan. 24, 1905 (33 Stat., 614)	June 2, 1905	57,120

FATAL THEATER FIRES SINCE 1811.

Theater or hall and date.	Lives lost.
Banquet theater, Oporto, March 21, 1888	200
Barnsley, England (hall), Jan. 11, 1908	16
Carlsruhe theater, St. Petersburg, 1847	200
Central theater, Philadelphia, April 28, 1892	6
Conway's theater, Brooklyn, Dec. 5, 1876	295
Exeter theater, England, Sept. 5, 1887	200
Flores theater, Acapulco, Mex., Feb. 14, 1909	250
Front Street theater, Baltimore, Dec. 8, 1895	23
Iroquois, Chicago, Dec. 30, 1903	575
Lehman's theater, St. Petersburg, 1836	700
Opera Comique, Paris, May 25, 1887	75
Rhoade's opera house, Boyertown, Pa., Jan. 13, 1908	170
Richmond (Va.) theater, Dec. 26, 1811	70
Ring theater, Vienna, Dec. 8, 1881	447

LIQUORS AND SPIRITS PRODUCED IN THE UNITED STATES.

Year ended June 30, 1909.

	Barrels.
Fermented liquors	56,364,360
Distilled spirits—	Gallons.
Whisky	70,152,175
Alcohol	42,563,103
Commercial alcohol	16,078,083
Rum	1,952,374
Gin	2,483,743
High wines	221,277
Fruit brandy	6,440,858
Total spirits	139,891,613

PRODUCTION BY STATES.

State or territory.	Spirits. Gallons.	Liquors. Barrels.
Alabama[1]	176	57,319
Arkansas	13,036	10,452
California[2]	8,154,409	1,188,881
Colorado[3]	38	411,470
Connecticut[4]	120,790	1,211,588
Florida	49,430	15,750
Georgia	19,018	115,155
Hawaii	6,332	14,048
Illinois	37,793,376	5,525,473
Indiana	21,916,486	1,273,081
Iowa	23	437,177
Kansas[5]	357	5,872
Kentucky	27,524,275	704,948
Louisiana	5,890,692	475,432
Maryland[6]	3,667,441	1,376,610
Massachusetts	2,387,333	2,043,018
Michigan	2,180,436	1,483,207
Minnesota		1,412,071
Missouri	393,618	3,718,554
Montana[7]	6,566	460,528
Nebraska	1,924,106	389,820
N. Hampshire[8]		274,733
New Jersey	70,455	3,114,943
New Mexico[9]	279	24,525
New York	6,674,603	12,573,773
North Carolina	271,761	
N. & S. Dakota		44,940
Ohio	9,119,611	4,061,730
Oregon	1,066	194,231
Pennsylvania	7,793,950	7,050,262
South Carolina		5,157
Tennessee	1,079,215	255,200
Texas	928	553,792
Virginia	574,711	164,293
Washington[10]	187	322,234
West Virginia	174,021	293,189
Wisconsin	2,082,888	4,600,931
Total	139,891,613	56,364,360

[1]Including Mississippi. [2]Including Nevada. [3]Including Wyoming. [4]Including Rhode Island. [5]Including Oklahoma. [6]Including District of Columbia, Delaware and two counties of Virginia. [7]Including Idaho and Utah. [8]Including Maine and Vermont. [9]Including Arizona. [10]Including Alaska.

WINES AND LIQUORS CONSUMED IN THE UNITED STATES.

YEAR.	WINES. Consumption.	WINES. Per capita	MALT LIQUORS. Consumption	MALT LIQUORS. Per capita	DISTILLED SPIRITS Consumption.	DISTILLED SPIRITS Per capita.	Total wines and liquors.	Per capita of all wines and liquors.
	Gallons.	Gals.	Gallons.	Gals.	Pf. gallons.	Pf. gls.	Gallons.	Gallons.
1840	4,873,096	.29	23,310,843	1.36	43,060,884	2.52	71,244,823	4.17
1850	6,315,871	.27	36,563,009	1.58	51,833,473	2.23	94,712,353	4.08
1860	11,059,141	.35	101,346,669	3.22	89,968,651	2.86	202,374,461	6.44
1870	12,225,067	.32	204,756,156	5.31	79,895,708	2.07	296,876,931	7.70
1880	28,098,179	.56	414,220,165	8.26	63,526,694	1.27	506,076,400	10.09
1890	28,945,993	.46	855,792,335	13.67	87,829,562	1.40	972,578,878	15.53
1900	29,988,467	.39	1,221,500,160	16.01	97,248,382	1.27	1,349,176,033	17.68
1902	49,763,920	.63	1,381,875,437	17.49	107,452,151	1.36	1,539,081,991	19.48
1903	38,238,818	.48	1,449,879,952	18.04	117,252,148	1.46	1,605,851,455	19.98
1904	43,311,217	.53	1,494,191,325	18.28	121,101,997	1.48	1,658,609,958	20.29
1905	35,059,717	.42	1,538,150,770	18.50	120,870,278	1.45	1,694,392,765	20.38
1906	46,485,223	.55	1,699,985,642	20.20	127,754,544	1.51	1,874,225,409	22.27
1907	57,738,848	.67	1,821,867,627	21.23	140,084,436	1.64	2,019,690,911	23.53
1908	52,121,646	.60	1,828,732,448	20.97	125,379,314	1.44	2,006,233,408	23.00
1909	61,779,549	.70	1,752,634,426	19.79	121,130,036	1.37	1,935,544,011	21.85

COFFEE AND TEA CONSUMED IN THE UNITED STATES.

YEAR ENDED JUNE 30.	COFFEE. Imports.		COFFEE. Price*	COFFEE. Per capita†	TEA. Imports.		TEA. Price*	TEA. Per capita†
	Pounds.	Value.	Cents.	Lbs.	Pounds.	Value.	Cents.	Lbs.
1830	51,488,248	$4,227,021	8.3	2.98	8,609,415	$2,425,018	28.3	.53
1840	94,996,095	8,546,222	8.8	5.06	20,006,595	5,427,010	24.1	.99
1850	145,272,687	11,284,835	7.6	5.60	29,872,654	4,719,232	14.1	1.22
1860	202,144,733	21,883,797	10.8	5.79	31,696,657	8,915,327	26.3	.84
1870	235,256,574	24,234,879	10.3	6.00	47,408,481	13,863,273	29.4	1.10
1880	446,850,727	60,360,769	13.5	8.78	72,162,936	19,782,931	27.4	1.39
1890	499,159,120	78,267,432	16.0	7.83	83,886,829	12,317,493	15.0	1.33
1900	787,991,911	52,467,943	7.5	9.81	84,845,107	10,558,110	12.4	1.09
1902	1,092,344,170	71,125,449	6.4	13.42	75,579,125	9,390,128	12.4	.94
1903	923,253,821	60,146,754	6.6	10.91	108,574,905	15,659,229	14.5	1.30
1904	998,677,479	69,988,202	7.0	11.83	112,905,541	18,229,310	16.1	1.34
1905	1,016,028,441	84,710,383	8.1	12.17	102,706,599	16,230,858	15.8	1.23
1906	853,799,615	73,514,444	8.6	9.95	98,621,750	14,580,878	15.6	1.10
1907	986,595,923	78,382,823	7.9	11.36	86,368,490	13,915,544	16.1	.99
1908	892,092,410	67,863,880	7.6	10.04	94,149,564	16,309,870	17.3	1.07
1909	1,051,749,705	79,341,076	7.5	11.74	114,916,520	18,562,676	16.2	1.29

*Average import price per pound. †Consumption per capita based on net imports.

FOURTH OF JULY CASUALTIES.

[From the Journal of the American Medical Association.]

	1905.	1906.	1907.	1908.	1909.	1910.
Deaths—Tetanus	87	75	62	55	126	67
Other causes	95	83	102	108	90	64
Total	182	158	164	163	215	131
Injuries—Sight lost	25	22	12	11	18	7
One eye lost	106	72	75	93	36	33
Loss of legs, arms and hands	80	56	57	57	41	26
Loss of fingers	221	227	237	184	176	114
Other injuries	4,562	4,931	3,868	5,115	4,823	2,612
Total injured	4,994	5,308	4,249	5,460	5,093	2,792
Total casualties	5,176	5,466	4,413	5,623	5,307	2,923

Total casualties in 1903, 4,449; in 1904, 4,169; in 1905, 5,176.

ARCTIC AND ANTARCTIC EXPLORATION.

The controversy which arose in the fall of 1909 as to whom should be given the credit of having first reached the north pole, Commander Robert E. Peary or Dr. Frederick A. Cook, was definitely settled in 1910 in favor of the former. Late in December, 1909, the University of Copenhagen, to which Dr. Cook, through his agents, had submitted some documents relating to his alleged discovery of the north pole, announced the following formal verdict:

"The documents handed the university for examination do not contain observations and information which can be regarded as proof that Dr. Cook reached the north pole on his recent expedition."

Even before this verdict was made public Dr. Cook had mysteriously disappeared, much to the disappointment and chagrin of many persons who still had faith in his integrity. As week after week and month after month elapsed without word from him the conviction became settled that he had attempted to carry out a colossal fraud on the public, and, failing, did not have the courage to face the consequences. His presence in Europe and in Chile, South America, was reported on apparently good authority in January and February, 1910, and late in the summer it was rumored that he had secured a steamer and departed for North Greenland to secure the scientific instruments and notebooks which he claimed to have left there on his return from the pole.

In the meantime Commander Peary, who had made enemies by his denunciation of Dr. Cook's fraudulent claims, was restored to public favor and became the recipient of many honors from scientific and other bodies. As noted in the last issue of The Daily News Almanac and Year-Book, the National Geographic Society of America conferred on him a special gold medal for having "reached the north pole, the goal sought for centuries." Jan. 26, 1910, the Geographic society of Chicago gave a banquet in his honor and presented him with the Helen Culver medal. Feb. 14 the Italian Geographical society awarded Commander Peary the King Humbert gold medal, and May 4, before a great assembly in Albert hall, London, the Royal Geographic society presented him with the special gold medal of the organization and welcomed him as "the first and only human being who ever led a party of his fellow creatures to a pole of the earth." Similar honors were conferred upon the explorer by other societies.

In the United States senate, Feb. 9, a bill was unanimously passed adding Peary's name to the list of rear-admirals in the navy and providing for his immediate retirement with the highest pay received by one of the rank. In the house committee on naval affairs the proposition was, however, voted down and no further action was taken.

Commander Peary offered a purse of $10,000 to pay part of the expenses of an American exploring expedition to the antarctic regions under the auspices of the National Geographic society, and subscriptions were made by many members of that organization. It was proposed to use the Roosevelt steamer and the Peary equipment in the venture, which, however, was finally abandoned.

AMUNDSEN EXPEDITION.

Capt. Roald Amundsen, discoverer of the northwest passage, left Norway in August, 1910, on the arctic steamer Fram for oceanographic work on the Atlantic coast of America. His original plan was to proceed to San Francisco in 1911, take on a new crew and outfit and continue on to the Arctic ocean via Bering strait. This programme was later extended so as to include an attempt to reach the south pole and to do general exploration work in the Antarctic regions, as he felt that popular interest in the northern regions had been diminished by Commander Peary's discovery of the north pole. However, he did not expect to give up his trip to the north, but to make it about a year later than originally intended. His exact plans for the southward trip were not made public, beyond the fact that his party was to be divided and that only a few would undertake the polar journey.

THE CHARCOT EXPEDITION.

The French antarctic expedition headed by Dr. Jean M. Charcot, which sailed from Havre Aug. 15, 1908, and from Punta Arenas, Chile, Dec. 10, the same year, returned early in February, 1910. The party, which used the steamer Pourquoi Pas, reached 70 degrees south, longitude 126 degrees west. It made no attempt to reach the pole, but contented itself with exploring the region in the vicinity of Adelaide island and Alexander land directly south from Punta Arenas. A hydrographic chart of the eastern side of Adelaide island was made and it was found that the island was seventy miles long instead of only seven, as had been reported. Much new land was discovered. The Pourquoi Pas had many narrow escapes from being crushed in the ice.

BRITISH ANTARCTIC EXPEDITION.

A new British antarctic expedition under command of Capt. R. F. Scott left Cardiff on the steamship Terra Nova for the south polar regions June 15, 1910. The plan, as outlined by Capt. Scott, was to take on petrol for motor sledges, forage for ponies, frozen mutton, motor sledges, twenty ponies and thirty dogs at Lyttleton, New Zealand, and to reach McMurdo sound, South Victoria land, about the end of December. Here a hut, provisions and equipment for a western party were to be landed. This party will include twenty-two to twenty-five persons, who will start south at the end of January, 1911, to lay depots. At the same time the Terra Nova will sail east to land the eastern party on King Edward VII. land. Six or seven men will probably be left here to explore this unknown territory. In the spring the steamer will return to New Zealand. After the southern depots have been laid, Capt. Scott will start, probably in October, 1911, toward the south pole, which he hopes to reach in December. Lieut. E. R. G. R. Evans, R. N., will be second in command and Lieut. Victor Campbell will be in charge of the eastern party. Dr. E. A. Wilson, zoologist and artist, will be in charge of the scientific staff. Others members of the expedition are F. Griffith Taylor and W. H. Thompson, geologists; E. W. Nelson and D. G. Lillie, biologists; Dr. G. C. Simpson, meteorologist; C. S. Wright, chemist; Lieut. H. H. Pennell and Lieut. H. R. Bowers, surveyors; Drs. G. M. Levick and E. L. Atkinson, surgeons. The methods of travel will be practically the same as those adopted by Lieut. Ernest H. Shackleton, when he reached latitude 88 degrees 23 minutes south in 1908-1909.

OTHER ANTARCTIC EXPEDITIONS.

Exploring expeditions to the antarctic regions were planned in 1910 by Lieut. Shirase of the Japanese army, who proposed to make his base of operations on King Edward VII. land, and by Lieut. Filchner of Germany, whose plan was to start from a base in the Weddell sea on the side of the antarctic area opposite to that which has been the scene of British operations.

THE POLAR RECORD.

Year. Explorer.	Deg.	Min.
ARCTIC.		
1871—Capt. Hall	82	16
1876—Capt. Nares	83	10
1879—Lieut. De Long	77	15
1882—Lieut. Greely	83	24
1890—Lieut. Peary	83	50
1891—Lieut. Peary	83	24
1895—Fridtjof Nansen	86	14
1900—Duke d'Abruzzi	86	33
1902—Lieut. Peary	84	17
1904—Anthony Fiala	83	13
1906—Commander Peary	87	6
1909—Commander Peary	90	(Pole)
ANTARCTIC.		
1774—Capt. Cook	71	15
1823—Capt. Weddell	74	15
1842—Capt. Ross	77	49
1895—Borchgrevink	74	10
1898—De Gerlache	71	36
1900—Borchgrevink	78	50
1902—Capt. Scott	82	17
1909—Lieut. Shackleton	*88	23

*111 miles from the pole.

WEATHER FORECASTS AND SIGNALS.

The operations of the weather bureau of the department of agriculture are based on observations of the weather taken at about 200 observatories throughout the United States at the same moment of time and telegraphed daily to Washington, D. C., and to other important cities. These observations, comprising barometric pressure, temperature, precipitation, winds and clouds, are entered upon outline charts of the United States by means of symbols, forming the "daily weather map," from which the forecasts are made. These forecasts are issued every day for every state in the union, and whenever necessary special warnings are sent out of storms, frosts, cold waves, heavy snows and floods. In addition to the main office in Washington, there are subordinate forecast centers in Chicago, New Orleans, Denver, San Francisco and Portland, Ore. Weather forecasts for a week in advance are now sent out from Washington and published each Monday.

The forecasts are first telegraphed to about 2,300 principal distributing points, whence they are further disseminated by telegraph, telephone and through the mail by means of forecast cards, rural free-delivery slips and newspapers. The number of postoffices or addresses receiving the forecasts by weather maps and cards in 1908 was 76,154, and by rural free-delivery slips, 58,008. It is estimated that the total number of persons in the United States to whom the weather forecasts are available is more than 4,000,000.

When No. 4 is placed above No. 1, 2 or 3 it indicates warmer; when below, colder; when not displayed, the temperature is expected to remain about stationary. During the late spring and early fall the cold-wave flag is used to indicate anticipated frosts.

A red flag with a black center indicates that a storm of marked violence is expected. The pennants displayed with the flags indicate the direction of the wind: Red, easterly (from northeast to south); white, westerly (from southwest to north). The pennant above the flag indicates that the wind is expected to blow from the northerly quadrants; below, from southerly quadrants.

By night a red light indicates easterly winds and a white light above a red light westerly winds.

Two red flags, with black centers, displayed one above the other, indicate the expected approach of tropical hurricanes, and also of those extremely severe and dangerous storms which occasionally move across the lakes and northern Atlantic coast. Hurricane warnings are not displayed at night.

EXPLANATION OF WEATHER FLAGS.

No 1. White flag. Clear or fair weather.

No. 2. Blue flag. Rain or snow.

No. 3. White and blue flag. Local rain or snow.

No. 4. Black triangular flag. Temperature.

No. 5. White flag with black square in center. Cold wave.

EXPLANATION OF STORM-WARNING FLAGS.

Northwest winds. Southwest winds. Northeast winds. Southeast winds. "Hurricane" signal

WIND-BAROMETER TABLE FOR THE GREAT LAKES.

[Prepared by United States weather bureau.]

Height of Barometer (Lake Level).	Direction of wind.	Character of weather and wind indicated.
29.40 to 29.60, and steady	West	Fair, slight changes in temperature, gentle to fresh winds.
29.40 to 29.60, rising	West	Fair, cooler, fresh west to northwest winds.
29.40 to 29.60, falling	South	Warmer, increasing southerly winds.
29.60, or above, falling rapidly	East to south	Warmer, rain or snow within 36 hours, increasing east to southeast winds.
29.60, or above, rising rapidly	West to north	Cool and clear, quickly followed by warmer, variable winds.
29.60, or above, steady	Variable	No immediate change, but winds will go to south inside of 36 hours.
29.40, or below, falling slowly	South to east	Rain or snow, increasing easterly winds.
29.40, or below, falling rapidly	South to east	Rain or snow, high easterly winds, followed within 48 hours by clearing, cooler, west to northwest winds.
29.40, or below, rising slowly	South to west	Clearing, colder, fresh to brisk west to northwest winds.
29.20, or below, falling rapidly	South to east	Severe storm of wind and rain, and wind shifting to northwest within 36 hours.
29.20, or below, falling rapidly	East to north	Severe northeaster, with heavy rain or snow, and winds backing to northwest.
29.20, or below, rising rapidly	Going to west	Clearing and cooler, probably cold wave in winter.

MINERAL PRODUCTS OF THE UNITED STATES.

[Prepared by the United States geological survey.]

MINERALS.	Unit of measure.	1906.		1907.		1908.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Aluminum	Pounds	14,910,000	$4,262,286	17,211,039	$4,926,948	11,152,000	$2,434,600
Antimony	Short tons	1,766	602,949	2,022	622,046	.....	.....
Asbestos	Short tons	1,695	28,565	653	11,899	936	19,624
Asphaltum	Short tons	138,059	1,290,340	223,861	2,826,489	185,382	1,888,881
Barytes (crude)	Short tons	50,231	160,367	89,621	291,777	38,527	120,442
Bauxite	Long tons	75,332	368,311	97,776	480,350	52,167	263,968
Borax	Pounds	58,173	1,182,410	52,850	1,121,520	25,000	975,000
Cement	Barrels	51,000,445	55,302,277	52,230,342	55,905,851	52,910,925	44,477,653
Clay products	Short tons	.....	161,032,722	.....	158,942,369	.....	133,197,762
Coal, anthracite	Long tons	63,645,010	131,917,694	76,432,421	163,584,056	74,347,102	158,178,849
Coal, bituminous	Short tons	342,874,867	381,162,115	394,759,112	451,214,842	332,573,944	374,135,268
Copper	Pounds	917,805,682	177,595,888	868,996,471	173,799,300	942,570,721	124,419,335
Corundum, emery	Short tons	1,160	44,310	1,069	12,294	669	8,745
Crystalline quartz	Short tons	24,082	121,671	17,435	126,582	11,725	79,146
Feldspar	Short tons	75,656	401,531	84,544	499,069	67,240	400,918
Fluorspar	Short tons	40,796	244,025	49,486	287,282	38,795	225,998
Fuller's earth	Short tons	32,040	265,400	32,851	291,773	29,714	278,367
Garnet (abrasive)	Short tons	4,650	157,000	7,058	211,686	1,996	64,620
Gold (coining value)	Troy ounces	4,565,333	94,373,800	4,374,827	90,435,700	4,574,340	94,560,000
Graphite	Pounds	5,904,885	340,239	4,947,840	171,149	2,288,000	132,840
Grindstones	.....	.....	744,894	.....	896,022	.....	536,095
Gypsum	Short tons	1,540,585	3,837,975	1,751,748	4,942,264	1,721,829	4,138,560
Infusorial earth	Short tons	8,099	72,108	.....	104,406	.....	97,442
Iron (pig)	Long tons	25,307,191	505,700,000	25,781,361	529,958,000	15,936,018	254,321,000
Lead	Short tons	350,153	39,917,442	365,166	38,707,596	310,762	26,101,008
Manganese ore	Long tons	6,921	88,132	5,064	63,369	6,144	62,779
Marls	Short tons	19,104	7,341	14,091	8,429	8,469	4,330
Mica, sheet	Pounds	1,423,100	252,248	1,060,182	349,311	972,964	234,021
Mica, scrap	Short tons	1,489	22,742	3,025	42,800	2,417	33,904
Mineral paints	Short tons	49,921	521,729	71,973	2,979,158	68,694	2,410,367
Mineral waters	Gals. sold	51,407,668	8,559,650	52,060,520	7,331,503	56,108,820	7,287,269
Monazite	Pounds	847,275	152,560	548,152	65,800	422,646	50,718
Natural gas	.....	.....	46,873,932	.....	52,906,835	.....	54,640,374
Oilstones	.....	.....	268,070	.....	264,188	.....	217,294
Petroleum	Barrels	126,493,936	92,444,735	166,095,335	120,106,749	179,572,479	129,706,258
Phosphate rock	Long tons	2,080,957	8,579,437	2,265,343	10,653,558	2,386,138	11,399,124
Platinum	Troy ounces	1,439	45,189	357	10,589	750	14,250
Precious stones	.....	.....	208,000	.....	735,800	.....	415,063
Pyrite	Long tons	261,422	931,305	247,387	794,949	222,598	857,113
Quicksilver	Flasks	26,238	958,634	21,567	828,931	19,752	824,146
Salt	Barrels	28,172,380	6,658,350	29,704,128	7,439,551	28,822,062	7,563,632
Silver (commercial value)	Troy ounces	56,517,900	38,256,400	56,514,700	37,299,700	52,440,800	28,050,600
Talc, soapstone	Short tons	58,972	874,356	72,010	905,047	46,615	703,832
Zinc	Short tons	199,694	24,362,668	223,745	26,401,910	190,749	17,930,406
Zinc oxide	Short tons	74,680	5,999,375	71,784	6,490,660	56,292	5,072,460
Total*	.....	.....	1,904,007,034	.....	2,069,289,196	.....	1,596,670,186

*Includes also minerals not mentioned in list.

COAL PRODUCTION BY STATES (1908).

In long tons of 2,240 pounds.

ANTHRACITE.					
Pennsylvania	74,347,102	California	19,520	Michigan	1,638,410
Colorado and New Mexico	37,195	Colorado	8,590,315	Missouri	2,961,888
Total	74,384,297	Georgia	236,448	Montana	1,714,455
BITUMINOUS.		Idaho	4,847	New Mexico	2,178,660
Alabama	10,361,244	Illinois	42,553,295	North Dakota	286,377
Arkansas	1,855,676	Indiana	10,995,438	Ohio	23,455,928
		Iowa	6,394,027	Oklahoma	2,682,246
		Kansas	5,576,846	Oregon	77,017
		Kentucky	9,148,708	Pennsylvania	104,624,878
		Maryland	8,908,163		

Tennessee	5,534,974
Texas	1,692,301
Utah	1,648,921
Virginia	3,802,716
Washington	2,700,842
West Virginia	37,408,788
Wyoming	4,901,698
Total	296,903,826

COAL PRODUCTION BY YEARS.

Tons of 2,240 pounds.

Year.	Anthracite.	Bituminous.	Year.	Anthracite.	Bituminous.	Year.	Anthracite.	Bituminous.
1870	14,287,597	14,126,095	1901	51,221,353	189,567,957	1905	65,318,490	248,803,294
1880	26,971,244	33,837,506	1902	60,242,560	201,632,276	1906	69,339,152	281,306,058
1890	40,666,938	85,430,842	1903	36,940,710	232,336,468	1907	63,645,010	306,138,274
1900	53,944,647	172,609,988	1904	66,613,454	252,454,775	1908	74,384,297	296,903,826

PIG IRON PRODUCTION IN THE UNITED STATES.

In tons of 2,240 pounds. Calendar year 1909.

State.	Tons.	State.	Tons.	State.	Tons.	State.	Tons.
Alabama	1,763,617	Kentucky	86,371	Ohio	5,551,545	West Virginia	228,282
Colorado	382,766	Maryland	286,856	Pennsylvania	10,918,824	Wisconsin	348,177
Connecticut	18,388	Michigan	954,289	Tennessee	333,845	Total	25,795,471
Georgia	26,072	New Jersey	294,474	Virginia	391,134		
Illinois	2,467,156	New York	1,733,675				

COINS OF THE UNITED STATES (1792-1909).

GOLD COINS.

Double Eagles—Authorized to be coined, act of March 3, 1849; weight, 516 grains; fineness, .900. Total amount coined to June 30, 1909, $2,247,647,020. Full legal tender.

Eagles—Authorized to be coined, act of April 2, 1792; weight, 270 grains; fineness, .916 2-3; weight changed, act of June 28, 1834, to 258 grains; fineness changed, act of June 28, 1834, to .899225; fineness changed, act of Jan. 18, 1837, to .900. Total amount coined to June 30, 1909, $449,439,890. Full legal tender.

Half-Eagles—Authorized to be coined, act of April 2, 1792; weight, 135 grains; fineness, .916 2-3; weight changed, act of June 28, 1834, to 129 grains; fineness changed, act of June 28, 1834, to .899225; fineness changed, act of Jan. 18, 1837, to .900. Total amount coined to June 30, 1909, $348,318,710. Full legal tender.

Quarter-Eagles—Authorized to be coined, act of April 2, 1792; weight, 67.5 grains; fineness, .916 2-3; weight changed, act of June 28, 1834, to 64.5 grains; fineness changed, act of June 28, 1834, to .899225; fineness changed, act of Jan. 18, 1837, to .900. Total amount coined to June 30, 1909, $34,623,462.50. Full legal tender.

Three-Dollar Piece—Authorized to be coined, act of Feb. 21, 1853; weight, 77.4 grains; fineness, .900; coinage discontinued, act of Sept. 26, 1890. Total amount coined, $1,619,376. Full legal tender.

One Dollar—Authorized to be coined, act March 3, 1849; weight, 25.8 grains; fineness, .900; coinage discontinued, act of Sept. 26, 1890. Total amount coined, $19,499,337. Full legal tender.

One Dollar, Louisiana Purchase Exposition—Authorized June 28, 1902; weight, 25.8 grains; fineness, .900. Total amount coined, $250,000.

One Dollar, Lewis and Clark Exposition—Authorized April 13, 1904; weight, 25.8 grains; fineness, .900. Total amount coined, $60,069.

SILVER COINS.

Dollar—Authorized to be coined, act of April 2, 1792; weight, 416 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 412½ grains; fineness changed, act of Jan. 18, 1837, to .900; coinage discontinued, act of Feb. 12, 1873. Total amount coined to Feb. 12, 1873, $8,031,238. Coinage reauthorized, act of Feb. 28, 1878; coinage discontinued after July 1, 1891, except for certain purposes, act of July 14, 1890. Amount coined to June 30, 1909, $578,303,848. Full legal tender except when otherwise provided in the contract.

Trade Dollar—Authorized to be coined, act of Feb. 12, 1873; weight, 420 grains; fineness, .900; legal tender limited to $5, act of June 22, 1874 (rev. stat.); coinage limited to export demand and legal-tender quality repealed, joint resolution, July 22, 1876; coinage discontinued, act Feb. 19, 1887. Total amount coined, $35,965,924.

Lafayette Souvenir Dollar—Authorized by act of March 3, 1899; weight, 412½ grains; fineness, .900. Total amount coined, $50,000.

Half-Dollar—Authorized to be coined, act of April 2, 1792; weight, 208 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 206¼ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 192 grains; weight changed, act of Feb. 12, 1873, to 12½ grams, or 192.9 grains. Total amount coined to June 30, 1909, $180,846,570.50. Legal tender, $10.

Columbian Half-Dollar—Authorized to be coined, act of Aug. 5, 1892; weight, 192.9 grains; fineness, .900. Total amount coined, $2,500,000. Legal tender, $10.

Quarter-Dollar—Authorized to be coined, act of April 2, 1792; weight, 104 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 103⅛ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 96 grains; weight changed, act of Feb. 12, 1873, to 6¼ grams, or 96.45 grains. Total amount coined to June 30, 1909, $94,761,909.75. Legal tender, $10.

Columbian Quarter-Dollar—Authorized to be coined, act of March 3, 1893; weight, 96.45 grains; fineness, .900. Total amount coined, $10,000. Legal tender, $10.

Twenty-Cent Piece—Authorized to be coined, act of March 3, 1875; weight, 5 grams, or 77.16 grains; fineness, .900; coinage prohibited, act of May 2, 1878. Total amount coined, $271,000.

Dime—Authorized to be coined, act of April 2, 1792; weight, 41.6 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 41¼ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 38.4 grains; weight changed, act of Feb. 12, 1873, to 2½ grams, or 38.58 grains. Total amount coined to June 30, 1909, $59,368,620.10. Legal tender, $10.

Half-Dime—Authorized to be coined, act of April 2, 1792; weight, 20.8 grains; fineness, .8924; weight changed, act of Jan. 18, 1837, to 20⅝ grains; fineness changed, act of Jan. 18, 1837, to .900; weight changed, act of Feb. 21, 1853, to 19.2 grains; coinage discontinued, act of Feb. 12, 1873. Total amount coined, $4,880,219.40.

Three-Cent Piece—Authorized to be coined, act of March 3, 1851; weight, 12⅝ grains; fineness, .750; weight changed, act of March 3, 1853, to 11.52 grains; fineness changed, act of March 3, 1853, to .900; coinage discontinued, act of Feb. 12, 1873. Total amount coined, $1,282,087.20.

MINOR COINS.

Five-Cent (nickel)—Authorized to be coined, act of May 16, 1866, weight, 77.16 grains, composed of 75 per cent copper and 25 per cent nickel. Total amount coined to June 30, 1909, $31,272,282.45. Legal tender for $1, but reduced to 25 cents by act of Feb. 12, 1873.

Three-Cent (nickel)—Authorized to be coined, act of March 3, 1865; weight, 30 grains, composed of 75 per cent copper and 25 per cent nickel. Total amount coined, $941,349.48. Legal tender for 60 cents, but reduced to 25 cents by act of Feb. 12, 1873. Coinage discontinued, act of Sept. 26, 1890.

Two-Cent (bronze)—Authorized to be coined, act of April 22, 1864; weight, 96 grains, composed of 95 per cent copper and 5 per cent tin and zinc. Coinage discontinued, act of Feb, 12, 1873. Total amount coined, $912,020.

Cent (copper)—Authorized to be coined, act of April 2, 1792; weight, 264 grains; weight changed, act of Jan. 14, 1793, to 208 grains; weight changed by proclamation of the president, Jan. 26, 1796, in conformity with act of March 3, 1795, to 168 grains; coinage discontinued, act of Feb. 21, 1857. Total amount coined, $1,562,887.44.

Cent (nickel)—Authorized to be coined, act of Feb. 21, 1857; weight, 72 grains, composed of 88 per cent copper and 12 per cent nickel. Coinage discontinued, act of April 22, 1864. Total amount coined, $2,007,720.

Cent (bronze)—Authorized, act of April 22, 1864; weight, 48 grains, composed of 95 per cent copper and 5 per cent tin and zinc. Total amount coined to June 30, 1909, $17,109,270. Legal tender, 25 cents.

Half-Cent (copper)—Authorized to be coined, act of April 2, 1792; weight, 132 grains; weight changed, act of Jan. 14, 1795, to 104 grains; weight changed by proclamation of the president, Jan. 26, 1796, in conformity with act of March 3, 1795, to 84 grains; coinage discontinued, act of Feb. 21, 1857. Total amount coined, $39,926.11.

*TOTAL COINAGE.		COINAGE, 1909.	
Gold	$3,101,458,122.50	Gold	$108,180,092.50
Silver	958,240,178.95	Silver	11,093,810.00
Minor	53,845,455.48	Minor	1,126,050.85
Total	4,113,543,756.93	Total	120,399,953.35

*To end of fiscal year, June 30, 1909.

APPROXIMATE VALUE OF FOREIGN COINS.

(c, copper; g, gold; s, silver.)

Coin.	Country.	U. S. equivalent.
Argentina, g	Argentine Republic	$4.82
Balboa, g	Panama	1.00
Bolivar, s	Venezuela	.19
Boliviano, s	Bolivia	.39
Cash, c	China	.005
Cent	China	.005
Centavo, c	Mexico	.005
Centime, c	France	.002
Colon, g	Costa Rica	.46
Condor, g	Colombia	10.00
Condor, g	Chile	7.30
Condor, g	Ecuador	4.90
Crown, s	Austria	.20
Crown, s	Denmark	.27
Crown, s	Great Britain	1.22
Crown, s	Norway	.27
Crown, s	Sweden	.27
Dinar, g	Servia	.195
Dinero, s	Peru	.05
Dollar, g	British Honduras	1.00
Dollar, g	Newfoundland	1.014
Dollar, g	British possessions	1.00
Dollar, g	Colombia	1.00
Dollar, g	Liberia	1.00
Dollar, s	China	.49
Doubloon, g	Chile	3.65
Drachma, s	Greece	.19
Escudo, g	Chile	1.82
Farthing, c	Great Britain	.005
Florin, s	Austria	.40
Florin, s	Great Britain	.49
Florin, g	Netherlands	.40
Franc, s	France	.19
Franc, g	Belgium	.19
Franc, g	Switzerland	.19
Gourde, s	Haiti	.96
Guilder, s	Netherlands	.40
Guinea, g	Great Britain	5.04
Gulden, s	Austria	.48
Heller, s	Austria	.004
Kopeck, c	Russia	.005
Kran, s	Persia	.07
Krone (see crown)		
Leu, s	Roumania	$.195
Libra, g	Peru	4.87
Lira, s	Italy	0.19
Lira, g	Turkey	4.40
Mark, s	Germany	.24
Mark, g	Finland	.19
Medjidie, g	Turkey	.88
Milreis, s	Brazil	.55
Milreis, g	Portugal	1.08
Napoleon, g	France	3.86
Onlik, s	Turkey	.40
Ore, c	Scandinavia	.0025
Para, s	Turkey	.001
Penny, c	Great Britain	.02
Peseta, s	Spain	.19
Peso, g	Argentine Republic	.96
Peso, s	Central America	.37
Peso, g	Chile	.36
Peso, g	Colombia	1.00
Peso, g	Cuba	.91
Peso, s	Mexico	.50
Peso, g	Philippines	.50
Peso, g	Uruguay	1.03
Pfennig, c	Germany	.0025
Piaster, s	Cochin China	.55
Piaster, s	Cyprus	.03
Piaster, s	Turkey	.04
Pound, g	Egypt	4.94
Pound, g	Great Britain	4.87
Ruble, g	Russia	.51
Rupee, s	India	.32
Scudo, g, s	Italy	.95
Sen, c	Japan	.005
Shilling, s	Great Britain	.24
Sixpence, s	Great Britain	.12
Sol, s	Peru	.49
Soldo, c	Italy	.01
Sovereign, g	Great Britain	4.87
Sucre, g	Ecuador	.49
Tael (customs), s	China	.65
Tical, s	Siam	.30
Yen, s	Japan	.498

STATE NICKNAMES AND STATE FLOWERS.

State.	Nickname.	Flower.
Alabama	Cotton state	Goldenrod
Arizona		Sequoia cactus
Arkansas	Bear state	Apple blossom
California	Golden state	Poppy
Colorado	Centennial state	Columbine
Delaware	Blue Hen state	Peach blossom
Florida	Peninsula state.	
Georgia	Cracker state	Cherokee rose
Idaho		Syringa
Illinois	Sucker state	Violet
Indiana	Hoosier state.	
Iowa	Hawkeye state	Wild rose
Kansas	Sunflower state	Sunflower
Kentucky	Blue Grass state.	
Louisiana	Pelican state	Magnolia
Maine	Pine Tree state	Pine cone
Maryland	Old Line state.	
Massachusetts	Bay state.	
Michigan	Wolverine state	Apple blossom
Minnesota	Gopher state	Moccasin
Mississippi	Bayou state	Magnolia
Montana	Stub Toe state	Bitter root
Missouri		Goldenrod
Nebraska		Goldenrod
Nevada	Silver state.	
New Hampshire	Granite state.	
New Jersey	Jersey Blue state	Sugar maple (tree)
New York	Empire state	Rose
North Carolina	Old North state.	
North Dakota	Flickertail state	Goldenrod
Ohio	Buckeye state.	
Oklahoma		Mistletoe
Oregon	Beaver state	Oregon grape
Pennsylvania	Keystone state.	
Rhode Island	Little Rhody	Violet
South Carolina	Palmetto state.	
South Dakota	Swinge Cat state.	
Tennessee	Big Bend state.	
Texas	Lone Star state	Bluebonnet
Utah		Sego lily
Vermont	Green Mountain state	Red clover
Virginia	The Old Dominion.	
Washington	Chinook state	Rhododendron
West Virginia	The Panhandle.	
Wisconsin	Badger state.	

NOTE—Only nicknames that are well known and "state flowers" officially adopted or commonly accepted are given in the foregoing list.

THE PAN-AMERICAN UNION.

The Pan-American union was established upon the recommendation of the first international American conference in 1890 for the purpose of maintaining closer relations between the republics of the western hemisphere. Its duties have been broadened since then and it is now a sort of clearing house of information concerning the nations of North, South and Central America. It publishes a monthly bulletin in which are given the latest official data concerning the resources, commerce and other features of the republics. The officers of the union occupy a fine building at the corner of 17th street and Potomac park in Washington, D. C. The structure, which was built with money given by Andrew Carnegie, was dedicated April 26, 1910. Following are the officers:

Director-General—John Barrett.
Assistant Director—Francisco J. Yanes.
Chief Statistician—William C. Wells.
Chief Clerk—Franklin Adams.
Chief Translator—Emilio M. Amores.
Librarian—Charles E. Babcock.

WEIGHTS AND MEASURES USED IN THE UNITED STATES.

LONG MEASURE.

12 inches	= 1 foot.	
3 feet	= 1 yard	= 36 inches.
5½ yards	= 1 rod	= 16½ feet.
40 rods	= 1 furlong	= 660 feet.
8 furlongs	= 1 mile	= 5,280 feet.

MARINERS' MEASURE.

6 feet	= 1 fathom.	
120 fathoms	= 1 cable length.	
7½ cable lengths	= 1 mile.	
5280 feet	= 1 statute mile.	
6085 feet	= 1 nautical mile.	
3 marine miles	= 1 marine league.	

LIQUID MEASURE.

4 gills	= 1 pint.	
2 pints	= 1 quart.	
4 quarts	= 1 gallon.	
31½ gallons	= 1 barrel.	
2 barrels	= 1 hogshead.	

SQUARE MEASURE.

144 square inches	= 1 square foot.	
9 square feet	= 1 square yard.	
30¼ square yards	= 1 square rod.	
160 square rods	= 1 acre.	
640 acres	= 1 square mile.	
36 square miles	= 1 township.	

CUBIC MEASURE.

1,728 cubic inches	= 1 cubic foot.	
27 cubic feet	= 1 cubic yard.	
128 cubic feet	= 1 cord of wood or stone.	
1 gallon contains 231 cubic inches.		
1 bushel contains 2,150.4 cubic inches.		
A cord of wood is 8 ft. long, 4 ft. wide & 4 ft. high.		

DRY MEASURE.

2 pints	= 1 quart.	
8 quarts	= 1 peck.	
4 pecks	= 1 bushel.	

CIRCULAR MEASURE.

60 seconds	= 1 minute.
60 minutes	= 1 degree.
360 degrees	= 1 circle.
1 degree	= 60 geographic miles.
1 geographic mile	= 1.1527 statute miles.
1 degree of the equator	= 69.124 statute miles.

APOTHECARIES' WEIGHT.

20 grains	= 1 scruple
3 scruples	= 1 dram.
8 drams	= 1 ounce.
12 ounces	= 1 pound.

AVOIRDUPOIS WEIGHT.

27 11-32 grains	= 1 dram.
16 drams	= 1 ounce.
16 ounces	= 1 pound.
2,000 lbs.	= 1 short ton.
2,240 lbs.	= 1 long ton.

TROY WEIGHT.

24 grains	= 1 pennyweight.
20 pennyw's	= 1 ounce.
12 ounces	= 1 pound

TIME MEASURE.

60 seconds	= 1 minute.
60 minutes	= 1 hour.
24 hours	= 1 day.
365 days	= 1 year.
100 years	= 1 century.

STATIONERS' TABLE.

24 sheets	= 1 quire.
20 quires	= 1 ream.
2 reams	= 1 bundle.
5 bundles	= 1 bale.

COUNTING.

12 things	= 1 dozen.
12 dozen	= 1 gross.
12 gross	= 1 great gross
20 things	= 1 score.

CLOTH MEASURE.

2¼ inches	= 1 nail.
4 nails	= 1 quarter
4 quarters	= 1 yard.

MISCELLANEOUS.

3 inches	= 1 palm.
4 inches	= 1 hand.
6 inches	= 1 span.
18 inches	= 1 cubit.
21.8 inches	= 1 bible cubit.
2½ feet	= 1 military pace.

SURVEYORS' MEASURE.

7.92 inches	= 1 link.
25 links	= 1 rod.
4 rods	= 1 chain.
10 square chains	= 1 acre.

ILLINOIS WEIGHTS AND MEASURES.

Statutory weights and measures in Illinois not included in the above tables are: Flour, per barrel, 196 pounds; per half-barrel, 98 pounds; per quarter-barrel sack, 49 pounds; per eighth-barrel sack, 24½ pounds. Cornmeal, per bushel sack, 48 pounds; per half-bushel sack, 24 pounds; per quarter-bushel sack, 12 pounds. Stone coal, per bushel, 80 pounds. Unslacked lime, per bushel, 80 pounds. Fine salt, per bushel, 55 pounds; coarse salt, 50 pounds. Hair (plastering), per bushel, 8 pounds.

THE METRIC SYSTEM.

The metric system is in general use in all the principal nations of Europe and America with the exception of Great Britain, Russia and the United States, where it is authorized but not compulsory. Its use for scientific purposes is common throughout the world.

WEIGHTS.

Milligram (.001 gram)	=	.0154 grain.
Centigram (.01 gram)	=	.1543 grain.
Decigram (.1 gram)	=	1.5432 grains.
Gram	=	15.432 grains.
Decagram (10 grams)	=	.3527 ounce.
Hectogram (100 grams)	=	3.5274 ounces.
Kilogram (1,000 grams)	=	2.2046 pounds.
Myriagram (10,000 grams)	=	22.046 pounds.
Quintal (100,000 grams)	=	220.46 pounds.
Millier or tonneau—ton(1,000,000 grams)	=	2,204.6 pounds.

DRY.

Milliliter (.001 liter)	=	.061 cubic inch.
Centiliter (.01 liter)	=	.6102 cubic inch.
Deciliter (.1 liter)	=	6.1022 cubic inches.
Liter	=	.908 quart.
Decaliter (10 liters)	=	9.08 quarts.
Hectoliter (100 liters)	=	2.838 bushels.
Kiloliter (1,000 liters)	=	1.308 cubic yards.

LIQUID.

Milliliter (.001 liter)	=	.0388 fluid ounce.
Centiliter (.01 liter)	=	.338 fluid ounce
Deciliter (.1 liter)	=	.845 gill.
Liter	=	1.0567 quarts.
Decaliter (10 liters)	=	2.6418 gallons.
Hectoliter (100 liters)	=	26.417 gallons.
Kiloliter (1,000 liters)	=	264.18 gallons.

LENGTH.

Millimeter (.001 meter)	=	.0394 inch.
Centimeter (.01 meter)	=	.3937 inch.
Decimeter (.1 meter)	=	3.937 inches.
Meter	=	39.37 inches.
Decameter (10 meters)	=	393.7 inches.
Hectometer (100 meters)	=	328 feet 1 inch.
Kilometer (1,000 meters)	=	.62137 mile (3,280 feet 10 inches).
Myriameter(10,000 meters)	=	6.2137 miles.

SURFACE.

Centare (1 square meter)	=	1.550 sq. inches.
Are (100 square meters)	=	119.6 sq. yards.
Hectare(10,000 sq. meters)	=	2.471 acres.

ELECTRICAL UNITS DEFINED.

Ohm—Unit of resistance; represents resistance offered to an unvarying electric current by a column of mercury at the temperature of ice, 14.5421 grams in mass, of a cross-sectional area of 1.00003 square millimeters and of the length of 106.3 centimeters.

Ampere—Unit of current; decomposes .0009324 of a gram of water in one second or deposits silver at the rate of .001118 of a gram per second, when passed through a solution of nitrate of silver in water.

Volt—Unit of electro motive force; one volt equals one ampere of current passing through a substance having one ohm of resistance.

Coulomb—Unit of quantity; amount of electricity transferred by a current of one ampere in one second.

Farad—Unit of capacity; capacity of a condenser charged to a potential of one volt by one coulomb. A microfarad is one-millionth of a farad.

Joule—Unit of work; equivalent to energy expended in one second by one ampere current in one ohm resistance.

Watt—Unit of power; equivalent to work done at the rate of one joule per second. A kilowatt is 1,000 watts.

STATUTORY WEIGHTS OF THE BUSHEL.

State or Territory.	Wheat.	Rye.	Oats.	Barley.	Buckwheat.	Shelled corn.	Corn on cob.	Cornmeal.	Bran.	Potatoes, Irish.	Potatoes, sweet.	Carrots.	Onions.	Turnips.	Beets.	Beans.	Peas.	Apples.	Dried apples.	Dried peaches.	Castor beans.	Flax seed.	Hemp seed.	Millet.	Timothy seed.	Blue grass seed.	Hungarian gr. seed.	Clover seed.
United States	60	56	32	48	42	..	..	48	..	60	..	..	..	..	..	60	60	..	..	..	50	56	..	..	..	..	..	..
Alabama	60	56	32	47	..	56	70	46	..	60	55	..	..	55	..	60	60	..	24	38	..	..	..	..	..	..	..	..
Arizona	60	56	32	45	..	54	..	..	..	..	..	..	..	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..
Arkansas	60	56	32	48	52	56	70	48	20	60	50	..	57	57	..	60	60	50	24	33	..	56	..	50	60	14	..	60
California	60	54	32	50	40	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Colorado	60	56	32	48	52	56	70	50	..	60	..	..	57	..	..	60	..	..	..	..	..	..	44	..	45	14	..	60
Connecticut	60	56	32	48	48	56	..	..	20	60	54	50	52	50	60	60	60	48	25	33	..	55	..	..	45	..	..	60
Delaware	60	..	..	..	..	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
District of Columbia	..	..	32	..	..	56	..	..	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Florida	60	56	32	48	..	56	70	48	20	60	60	..	56	54	..	60	..	48	24	33	48	..	..	50	..	..	..	..
Georgia	60	56	32	47	52	56	70	48	20	60	56	..	57	55	..	60	60	..	24	33	..	56	44	..	45	14	..	60
Hawaii	60	56	32	48	..	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Idaho	60	56	36	48	42	50	..	..	..	60	..	..	..	..	..	..	..	45	28	28	..	56	..	..	..	..	..	..	60
Illinois	60	56	32	48	52	56	70	48	20	60	50	..	57	55	..	60	..	..	24	33	46	56	44	..	45	14	..	60
Indiana	60	56	32	48	50	56	68	50	..	60	55	..	48	55	..	60	..	..	25	33	46	..	44	50	45	14	..	60
Iowa	60	56	32	48	52	56	70	..	20	60	46	..	57	..	..	60	..	48	24	33	46	56	44	50	45	14	50	60
Kansas	60	56	32	48	50	56	70	50	20	60	50	..	57	55	..	60	..	48	24	33	50	56	44	50	45	14	50	60
Kentucky	60	56	32	47	56	56	70	50	20	60	55	..	57	60	..	60	60	..	24	39	45	56	44	50	45	14	50	60
Louisiana	60	56	32	48	..	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maine	60	50	32	48	48	56	..	50	..	60	..	50	52	50	60	60	60	44	..	..	..	..	..	..	45	..	..	..
Maryland	..	..	26	..	..	..	..	..	..	56	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Massachusetts	60	56	32	48	48	56	..	50	20	60	54	50	52	..	60	60	48	25	33	..	55	..	..	..	45	..	..	60
Michigan	60	56	32	48	48	56	70	50	..	60	56	..	54	58	..	60	60	48	22	28	46	56	44	50	45	14	50	60
Minnesota	60	56	32	48	50	56	70	..	..	60	55	45	52	..	50	60	60	50	28	28	..	..	50	48	45	14	48	60
Mississippi	60	56	32	48	48	56	72	48	20	60	60	..	57	55	..	60	60	..	26	33	46	56	44	50	45	14	50	60
Missouri	60	56	32	48	52	56	70	50	20	60	56	50	57	42	..	60	60	48	24	33	46	56	44	50	45	14	48	60
Montana	60	56	32	48	52	56	70	50	20	60	..	50	57	50	50	60	60	45	..	..	..	56	44	..	45	14	50	60
Nebraska	60	56	32	48	52	56	70	50	20	60	50	..	57	55	..	60	60	..	24	33	46	56	44	50	45	14	50	60
New Hampshire	60	56	32	..	..	56	..	50	..	60	..	..	..	..	..	62	60	..	..	..	..	..	..	..	..	..	..	..
New Jersey	60	56	30	48	50	56	..	..	..	60	54	..	57	..	..	60	60	50	25	33	..	55	..	..	..	..	..	64
New York	60	56	32	48	48	56	..	50	20	60	54	50	57	..	..	60	60	48	25	33	..	55	..	..	45	..	..	60
North Carolina	60	56	32	48	50	56	..	..	..	..	..	..	..	..	..	..	60	..	..	..	..	55	..	..	..	..	..	..	60
North Dakota	60	56	32	48	42	56	70	..	20	60	46	..	52	60	60	60	60	..	..	..	..	56	..	50	45	..	..	60
Ohio	60	56	32	48	50	56	68	..	..	60	50	50	55	60	56	60	60	50	24	33	..	56	44	50	45	..	50	60
Oklahoma	60	56	32	48	42	56	70	..	20	60	46	..	52	60	60	60	60	..	..	..	..	56	..	..	42	..	..	60
Oregon	60	56	32	46	42	56	..	..	..	60	..	..	..	..	..	..	..	45	28	28	..	..	..	..	..	..	..	60
Pennsylvania	60	56	32	47	48	56	..	..	..	56	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60
Rhode Island	60	56	32	48	48	56	70	50	20	60	54	50	50	50	50	60	60	48	25	33	46	56	44	50	45	..	50	60
South Carolina	..	..	..	..	..	..	..	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Dakota	60	56	32	48	42	56	70	..	20	60	46	..	52	60	60	60	60	..	..	..	..	56	..	..	42	..	..	60
Tennessee	60	56	32	48	50	56	70	..	20	60	50	50	56	50	50	60	60	50	24	26	46	56	44	50	45	14	48	60
Texas	60	56	32	48	42	56	70	..	20	60	55	..	57	55	..	60	..	45	28	28	..	56	44	50	45	..	48	60
Vermont	60	56	32	48	48	56	..	..	..	60	..	50	52	60	60	62	60	46	..	..	..	..	..	..	45	..	..	60
Virginia	60	56	30	48	52	56	70	50	..	56	56	..	57	55	..	60	60	..	28	40	..	56	44	50	45	14	48	60
Washington	60	56	32	48	42	56	..	..	..	60	..	..	..	..	..	..	..	45	28	28	..	56	..	..	..	..	..	60
West Virginia	60	56	32	48	52	56	..	..	..	60	..	..	..	..	..	60	..	..	25	33	..	56	..	..	45	..	..	60
Wisconsin	60	56	32	48	50	56	70	50	20	60	54	50	57	42	50	60	60	50	25	33	..	56	44	50	45	..	48	60

NOTE—Rye meal takes 48 pounds to the bushel in the District of Columbia and 50 in Maine, Massachusetts, New York, Rhode Island and Wisconsin. The metric system is used in the Philippines and Porto Rico.

TABLE OF SPECIFIC GRAVITY.

Compared with water.

Water, distilled	100	Iron, cast	721
Water, sea	103	Ivory	183
Alcohol	84	Lead	1,135
Aluminum	256	Mahogany	106
Ash	84	Maple	75
Beech	85	Marble	270
Beer	102	Milk, cow's	103
Brass	840	Milk, goat's	104
Butter	94	Oak	117
Cedar	61	Oil, olive	92
Chalk	279	Opium	134
Cider	102	Platina	2,150
Coal	130	Porcelain	226
Copper	895	Silver	1,047
Cork	24	Steel	783
Diamond	353	Sulphur	203
Ebony	123	Tin	729
Fir	55	Turpentine	99
Glass	289	Walnut	67
Gold	1,936	Wine	100
Ice	92	Zinc	691
Indigo	77		

THERMOMETERS COMPARED.

There are three kinds of thermometers, with varying scales, in general use throughout the world—the Fahrenheit, Reaumur and centigrade. The freezing and boiling points on their scales compare as follows:

Thermometer.	Freezing pt.	Boiling pt.
Fahrenheit	32 degrees	212 degrees
Reaumur	zero	80 degrees
Centigrade	zero	100 degrees

The degrees on one scale are reduced to their equivalents on another by these formulas:

Fahrenheit to Reaumur—Subtract 32, multiply by four-ninths.

Fahrenheit to Centigrade—Subtract 32, multiply by five-ninths.

Reaumur to Fahrenheit—Multiply by nine-fourths, add 32.

Reaumur to Centigrade—Multiply by five-fourths.

Centigrade to Fahrenheit—Multiply by nine-fifths, add 32.

Centigrade to Reaumur—Multiply by four-fifths.

SIMPLE INTEREST TABLE.

NOTE—To find the amount of interest at 2½ per cent on any given sum, divide the amount given for the same sum in the table at 5 per cent by 2; at 3½ per cent divide the amount at 7 per cent by 2, etc.

Amt.	Time. / Interest.	1 day.	2 days.	3 days.	4 days.	5 days.	6 days.	7 days.	8 days.	9 days.	10 days.	20 days.	1 month.	2 mos.	3 mos.	4 mos.	5 mos	6 mos	1 year.
$1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3
	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	4
	5	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	2	3	5
	6	....	....	....	....	....	....	....	....	....	....	....	1	1	1	2	2	3	6
	7	....	....	....	....	....	....	....	....	....	....	....	1	1	1	2	3	4	7
$2	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	2	3	6
	4	....	....	....	....	....	....	....	....	....	....	1	1	1	2	2	3	4	8
	5	....	....	....	....	....	....	....	....	....	....	1	1	1	2	3	3	5	10
	6	....	....	....	....	....	....	....	....	....	....	1	1	1	2	3	4	5	12
	7	....	....	....	....	....	....	....	....	....	....	1	1	1	2	4	5	6	14
$3	3	....	....	....	....	....	....	....	....	....	....	....	1	1	2	3	4	5	9
	4	....	....	....	....	....	....	....	....	....	....	1	1	2	3	4	5	6	12
	5	....	....	....	....	....	....	....	....	....	....	1	1	2	3	4	5	6	15
	6	....	....	....	....	....	....	....	....	....	1	1	1	2	3	5	6	8	18
	7	....	....	....	....	....	....	....	....	....	1	1	1	2	4	5	7	9	21
$4	3	....	....	....	....	....	....	....	....	....	....	....	1	2	3	4	5	6	12
	4	....	....	....	....	....	....	....	....	....	....	1	1	2	4	5	6	8	16
	5	....	....	....	....	....	....	....	....	....	1	1	1	2	3	5	7	8	20
	6	....	....	....	....	....	....	....	....	1	1	1	1	2	4	6	8	10	24
	7	....	....	....	....	....	....	....	1	1	1	1	2	2	5	7	9	12	28
$5	3	....	....	....	....	....	....	....	....	....	....	1	1	2	4	5	7	8	15
	4	....	....	....	....	....	....	....	....	....	1	1	1	3	5	6	8	10	20
	5	....	....	....	....	....	....	....	....	1	1	1	2	4	6	8	10	13	25
	6	....	....	....	....	....	....	1	1	1	1	2	3	5	8	10	13	15	30
	7	....	....	....	....	....	....	1	1	1	1	2	3	6	9	12	15	18	35
$10	3	....	....	....	....	....	....	....	....	1	1	1	1	2	5	7	10	12	15	30
	4	....	....	....	....	....	1	1	1	1	1	2	3	6	10	13	16	20	40
	5	....	....	....	....	1	1	1	1	2	2	3	4	8	13	17	21	25	50
	6	....	....	1	1	1	1	1	2	2	2	3	5	10	15	20	25	30	60
	7	....	....	1	1	1	1	1	2	2	2	4	6	12	18	23	29	35	70
$25	3	....	....	....	....	....	....	1	1	1	2	4	6	12	19	25	31	38	75
	4	....	....	1	1	1	1	2	2	2	3	5	8	16	25	33	41	50	1.00
	5	....	1	1	2	2	2	2	3	3	3	7	10	21	31	42	52	63	1.25
	6	....	1	1	2	2	3	3	3	3	4	8	13	25	38	50	63	75	1.50
	7	....	1	1	2	2	3	3	4	4	5	10	15	29	44	58	73	88	1.75
$50	3	....	1	1	1	2	2	3	3	4	4	8	12	25	37	50	62	75	1.50
	4	....	1	1	2	3	3	4	4	5	6	11	16	33	50	67	83	1.00	2.00
	5	1	1	2	3	3	4	5	6	6	7	14	21	42	63	83	1.04	1.25	2.50
	6	1	2	3	3	4	5	6	7	8	8	17	25	50	75	1.00	1.25	1.50	3.00
	7	1	2	3	4	5	6	7	8	9	9	19	29	58	88	1.17	1.46	1.75	3.50
$100	3	1	1	2	3	4	5	6	6	7	8	16	25	50	75	1.00	1.25	1.50	3.00
	4	1	2	3	4	6	6	8	9	10	11	22	33	66	1.00	1.33	1.67	2.00	4.00
	5	1	2	4	6	7	8	10	11	13	14	28	42	83	1.25	1.67	2.08	2.50	5.00
	6	2	3	5	7	8	10	12	13	15	17	33	50	1.00	1.50	2.00	2.50	3.00	6.00
	7	2	4	6	8	10	12	14	16	18	19	39	58	1.17	1.75	2.33	2.92	3.50	7.00

COMPOUND INTEREST ON ONE DOLLAR.

Years.	Rate per cent. 3.	4.	5.	6.	7.
1	1.03	1.04	1.05	1.06	1.07
1½	1.04	1.06	1.07	1.09	1.10
2	1.06	1.08	1.10	1.12	1.14
2½	1.07	1.10	1.13	1.15	1.18
3	1.09	1.12	1.15	1.19	1.22
3½	1.10	1.14	1.18	1.22	1.27
4	1.12	1.17	1.21	1.26	1.31
4½	1.14	1.19	1.24	1.30	1.36
5	1.16	1.21	1.28	1.34	1.41
5½	1.17	1.24	1.31	1.38	1.45
6	1.19	1.26	1.34	1.42	1.51
6½	1.21	1.29	1.37	1.46	1.56
7	1.23	1.31	1.41	1.51	1.61
7½	1.24	1.34	1.44	1.55	1.67
8	1.26	1.37	1.48	1.60	1.73
8½	1.28	1.39	1.52	1.65	1.79
9	1.30	1.42	1.55	1.70	1.85
9½	1.32	1.45	1.59	1.75	1.92
10	1.34	1.48	1.63	1.80	1.98
100	19.25	50.50	131.50	340.00	868.00

WHEN MONEY DOUBLES AT INTEREST.

Rate.	Interest. Simple. Years.	Comp'd. Years.	Rate.	Interest. Simple. Years.	Comp'd. Years.
1	100.00	69.66	4½	22.22	15.75
1½	66.66	46.56	5	20.00	14.21
2	50.00	35.00	5½	18.18	12.94
2½	40.00	28.07	6	16.67	11.90
3	33.33	23.45	6½	15.38	11.00
3½	28.57	20.15	7	14.29	10.24
4	25.00	17.67	7½	13.33	9.58

THE WORLD'S MOST FAMOUS DIAMONDS.

Name.	Carats.
Cullinan	3,025
D'Angleterre (blue)	44¼
Etoile Polaire	40
Etoile du Sud	124
Grand Duc de Toscane.	133.16
Great Mogul	279 3-16
Imperatrice Eugenie	51
Kohinoor (1st cutting)	279
Kohinoor (2d cutting)	106 1-16
Loterie d'Angleterre	49
Nassak	78⅝
Orloff	194¾
Pacha d'Egypt	40
Regent	126⅜
Sancy	53½
Shah	86
Tiffany	969
Tiffany (yellow)	125

BIRTH STONES.

January	Garnet	April	Diamond	July	Ruby or carnelian
February	Amethyst	May	Emerald	Aug.	Moonstone, sardonyx
March	Bloodstone	June	Agate or pearl	September	Sapphire
October	Beryl or opal				
November	Topaz				
December	Turquoise				

DAYS OF GRACE, INTEREST AND STATUTE OF LIMITATIONS.

STATE.	Days of grace.	INTEREST.		LIMITATIONS.			STATE.	Days of grace.	INTEREST.		LIMITATIONS.		
		Legal rate.	By contract.	Judgments.	Notes.	Accounts.			Legal rate.	By contract.	Judgments.	Notes.	Accounts.
		P. ct.	P. ct.	Yrs.	Yrs.	Yrs.			P. ct.	P. ct.	Yrs.	Yrs.	Yrs.
Alabama	Yes	8	8	20	†6	3	Nebraska	No	7	10	5	5	4
Arkansas	Yes	6	10	10	5	3	Nevada	No	7	Any	6	6	4
Arizona	No	6	Any	5	4	3	New Hampshire	No*	6	6	20	6	6
California	No	7	Any	5	4	2	New Jersey	No	6	6	20	6	6
Colorado	No	8	Any	20	6	6	New Mexico	Yes	6	12	7	6	4
Connecticut	No	6	Any	‡	‡	6	New York	No	6	6	20	6	6
Delaware	No	6	6	10	6	3	North Carolina	Yes*	6	6	10	3	3
Dist. of Columbia	No	6	10	12	3	3	North Dakota	No	7	12	10	6	6
Florida	No	8	10	20	5	4	Ohio	No	6	8	20	15	6
Georgia	No	7	8	7	6	4	Oklahoma	Yes	7	12	5	5	3
Idaho	No	7	12	6	5	4	Oregon	Yes	6	10	10	6	6
Illinois	No	5	7	20	10	5	Pennsylvania	No	6	6	20	6	6
Indiana	No	6	8	20	10	6	Rhode Island	Yes*	6	Any	20	6	6
Iowa	No	6	8	20	10	5	South Carolina	Yes*	7	8	10	6	6
Kansas	No	6	10	5	5	3	South Dakota	Yes	7	12	20	6	6
Kentucky	No	6	6	15	15	5	Tennessee	No	6	6	10	6	6
Louisiana	No	5	8	10	5	3	Texas	Yes*	6	10	10	4	2
Maine	Yes*	6	Any	20	6	6	Utah	No	8	12	8	6	4
Maryland	No	6	6	12	3	3	Vermont	No	6	6	8	6	6
Massachusetts	Yes*	6	Any	20	6	6	Virginia	No	6	6	20	5	2
Michigan	No	5	7	10	6	6	Washington	No	6	12	6	6	3
Minnesota	No	6	10	10	6	6	West Virginia	No	6	6	10	10	5
Mississippi	Yes	6	10	7	6	3	Wisconsin	No	6	10	20	6	6
Missouri	No	6	8	10	10	5	Wyoming	No	8	12	5	5	8
Montana	No	8	Any	10	8	5							

*Sight, yes; demand, no. †Under seal 10. ‡No law. §Negotiable notes 6, nonnegotiable 17.

TABLE OF MONTHLY WAGES.

DAYS.	$10	$11	$12	$13	$14	$15	$16	$17	$18	$19	$20	$21	$22	$23	$24	$25
1	.38	.42	.46	.50	.54	.58	.62	.65	.69	.73	.77	.81	.85	.88	.92	.96
2	.77	.85	.92	1.00	1.08	1.15	1.23	1.31	1.38	1.46	1.54	1.62	1.69	1.77	1.85	1.92
3	1.15	1.27	1.38	1.50	1.62	1.73	1.85	1.96	2.08	2.19	2.31	2.42	2.54	2.65	2.77	2.88
4	1.54	1.69	1.85	2.00	2.15	2.31	2.46	2.62	2.77	2.92	3.08	3.23	3.38	3.54	3.69	3.85
5	1.92	2.12	2.31	2.50	2.69	2.88	3.08	3.27	3.46	3.65	3.85	4.04	4.23	4.42	4.62	4.81
6	2.31	2.54	2.77	3.00	3.23	3.46	3.69	3.92	4.15	4.38	4.62	4.85	5.08	5.31	5.54	5.77
7	2.69	2.96	3.23	3.50	3.77	4.04	4.31	4.58	4.85	5.12	5.38	5.65	5.92	6.19	6.46	6.73
8	3.08	3.38	3.69	4.00	4.31	4.62	4.92	5.23	5.54	5.85	6.15	6.46	6.77	7.08	7.38	7.69
9	3.46	3.81	4.15	4.50	4.85	5.19	5.54	5.88	6.23	6.58	6.92	7.27	7.62	7.96	8.31	8.65
10	3.85	4.23	4.62	5.00	5.38	5.77	6.15	6.54	6.92	7.31	7.69	8.08	8.46	8.85	9.23	9.62
11	4.23	4.65	5.08	5.50	5.92	6.35	6.77	7.19	7.62	8.04	8.46	8.88	9.31	9.73	10.15	10.58
12	4.62	5.08	5.44	6.00	6.46	6.92	7.38	7.85	8.31	8.77	9.23	9.69	10.15	10.62	11.08	11.54
13	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50
14	5.38	5.92	6.46	7.00	7.54	8.08	8.62	9.15	9.69	10.23	10.77	11.31	11.85	12.38	12.92	13.46
15	5.77	6.35	6.92	7.50	8.08	8.65	9.23	9.81	10.38	10.96	11.54	12.12	12.69	13.27	13.85	14.42
16	6.15	6.77	7.38	8.00	8.62	9.23	9.85	10.46	11.08	11.69	12.31	12.92	13.54	14.15	14.77	15.38
17	6.54	7.19	7.85	8.50	9.15	9.81	10.46	11.12	11.77	12.42	13.08	13.73	14.38	15.04	15.69	16.35
18	6.92	7.62	8.31	9.00	9.69	10.38	11.08	11.77	12.46	13.15	13.85	14.54	15.23	15.92	16.62	17.31
19	7.31	8.04	8.77	9.50	10.23	10.96	11.69	12.42	13.15	13.88	14.62	15.35	16.08	16.81	17.54	18.27
20	7.69	8.46	9.23	10.00	10.77	11.54	12.31	13.08	13.85	14.62	15.38	16.15	16.92	17.69	18.46	19.23
21	8.08	8.88	9.69	10.50	11.31	12.12	12.92	13.73	14.54	15.35	16.15	16.96	17.77	18.58	19.38	20.19
22	8.46	9.31	10.15	11.00	11.85	12.69	13.54	14.38	15.23	16.08	16.94	17.77	18.62	19.46	20.31	21.15
23	8.85	9.73	10.62	11.50	12.38	13.27	14.15	15.04	15.92	16.81	17.69	18.58	19.46	20.35	21.23	22.12
24	9.23	10.15	11.08	12.00	12.92	13.85	14.77	15.69	16.62	17.54	18.46	19.38	20.31	21.23	22.15	23.08
25	9.62	10.58	11.54	12.50	13.46	14.42	15.38	16.35	17.31	18.27	19.23	20.19	21.15	22.12	23.08	24.04

TABLE OF YEARLY WAGES.

Per year.	Per month.	Per week.	Per day.	Per year.	Per month.	Per week.	Per day.	Per year.	Per month.	Per week.	Per day.
$20 is	$1.67	$0.38	$0.05	$100 is	$8.33	$1.92	$0.27	$180 is	$15.00	$3.45	$0.49
25	2.08	.48	.07	105	8.75	2.01	.29	185	15.42	3.55	.51
30	2.50	.58	.08	110	9.17	2.11	.30	190	15.83	3.64	.52
35	2.92	.67	.10	115	9.58	2.21	.32	195	16.25	3.74	.53
40	3.33	.77	.11	120	10.00	2.30	.33	200	16.57	3.84	.55
45	3.75	.86	.12	125	10.42	2.40	.34	205	17.08	3.93	.56
50	4.17	.96	.14	130	10.83	2.49	.36	210	17.50	4.03	.58
55	4.58	1.06	.15	135	11.25	2.59	.37	215	17.92	4.12	.59
60	5.00	1.15	.16	140	11.67	2.69	.38	220	18.33	4.22	.60
65	5.42	1.25	.18	145	12.08	2.78	.40	225	18.75	4.31	.62
70	5.83	1.34	.19	150	12.50	2.88	.41	230	19.17	4.41	.63
75	6.25	1.44	.21	155	12.92	2.97	.42	235	19.58	4.51	.64
80	6.67	1.53	.22	160	13.33	3.07	.44	240	20.00	4.60	.66
85	7.08	1.63	.23	165	13.75	3.16	.45	245	20.42	4.70	.67
90	7.50	1.73	.25	170	14.17	3.26	.47	250	20.83	4.79	.69
95	7.92	1.82	.26	175	14.58	3.36	.48				

DISTANCES BETWEEN AMERICAN CITIES.

By the shortest usually traveled railroad routes. Compiled from the war department's official table of distances.

FROM ☞ / To	New York.	Chicago.	Philadelphia.	St. Louis.	Boston.	Baltimore	Cleveland	Buffalo.	San Francisco.	Pittsburg	Cincinnati.	Milwaukee.	New Orleans.	Washington.	Minneapolis.
	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.	Mls.
Albany	145	832	236	1,028	202	333	480	297	3,106	567	724	917	1,517	1,142	1,252
Atlanta	876	733	785	611	1,106	688	736	919	2,805	805	492	818	496	648	1,153
Baltimore	188	802	97	934	418	.....	474	398	3,076	334	593	887	1,184	40	1,222
Boston	217	1,034	321	1,230	.....	418	682	499	3,308	674	926	1,119	1,692	458	1,454
Buffalo	442	525	416	731	499	398	183	.....	2,799	270	427	610	1,256	438	945
Chicago	912	.....	821	284	1,034	802	357	525	2,274	468	298	85	912	700	420
Cincinnati	757	298	666	341	926	593	244	427	2,572	313	.....	383	822	553	718
Cleveland	584	357	493	548	682	474	.....	183	2,631	135	244	442	1,073	437	777
Columbus, O	637	314	546	428	820	511	138	321	2,588	193	116	399	935	471	734
Denver	1,934	1,022	1,843	916	2,056	1,850	1,379	1,537	1,371	1,490	1,257	1,107	1,347	1,810	884
Detroit	636	272	669	488	750	649	173	251	2,546	321	263	357	1,092	655	692
Duluth	1,391	479	1,300	728	1,513	1,281	701	1,004	2,238	947	777	422	1,447	1,269	163
El Paso	2,310	1,465	2,219	1,245	2,414	2,179	1,703	1,915	1,287	1,866	1,586	1,550	1,195	2,139	1,521
Galveston	1,792	1,144	1,691	860	2,012	1,594	1,408	1,591	2,157	1,481	1,157	1,229	410	1,554	1,340
Grand Rapids, Mich	821	178	815	462	878	796	332	379	2,452	462	308	263	1,090	764	598
Helena	2,452	1,540	2,361	1,549	2,574	2,342	1,897	2,065	1,250	2,008	1,838	1,455	2,152	2,320	1,119
Indianapolis	825	183	734	240	965	704	283	466	2,457	381	111	268	888	564	603
Jacksonville, Fla	1,053	1,097	992	975	1,213	795	1,085	1,193	3,098	1,057	841	1,182	616	755	1,517
Kansas City	1,342	458	1,251	277	1,466	1,211	755	967	1,981	898	618	543	880	1,171	573
Los Angeles	3,149	2,265	3,058	2,084	3,273	3,018	2,562	2,774	475	2,705	2,425	2,350	2,007	2,978	2,301
Louisville	871	304	780	274	1,040	703	358	541	2,468	427	114	389	778	663	724
Memphis	1,157	527	1,066	311	1,387	969	738	921	2,439	807	494	612	396	929	827
Milwaukee	997	85	906	369	1,119	887	442	610	2,359	553	383	.....	997	875	335
Minneapolis	1,332	420	1,241	590	1,454	1,222	777	945	2,096	888	718	335	1,285	1,210	.....
Mobile	1,231	929	1,140	647	1,461	1,043	1,029	1,212	2,623	1,098	785	1,014	141	1,003	1,233
Montreal	386	841	477	1,051	330	574	623	434	3,115	704	826	926	1,655	614	1,125
Newark, N. J	9	903	82	1,056	226	179	575	405	3,177	435	748	988	1,363	219	1,323
New Haven	76	980	167	1,141	140	264	628	445	3,254	520	833	1,065	1,448	304	1,400
New Orleans	1,372	912	1,281	692	1,602	1,184	1,073	1,256	2,482	1,142	829	997	.....	1,144	1,285
New York	.....	912	91	1,065	217	188	584	442	3,186	444	757	997	1,372	228	1,332
Ogden	2,496	1,494	2,315	1,414	2,528	2,296	1,851	2,019	780	1,962	1,792	1,579	1,891	2,284	1,316
Omaha	1,405	493	1,314	413	1,527	1,295	1,750	1,018	1,781	961	791	578	1,080	1,283	381
Philadelphia	91	821	.....	974	321	97	493	416	3,095	353	666	906	1,281	137	1,241
Pittsburg	444	468	353	621	674	334	135	270	2,742	.....	313	553	1,142	302	888
Portland, Me	332	1,149	436	1,345	115	533	797	614	3,423	789	1,041	1,234	1,717	573	1,569
Portland, Ore	3,204	2,292	3,113	2,212	3,326	3,094	2,649	2,817	772	2,760	2,590	2,378	2,746	3,082	2,042
Providence	190	1,034	281	1,230	45	378	682	490	3,308	634	926	1,119	1,562	418	1,454
Quebec	530	1,018	621	1,345	402	718	795	612	3,287	876	1,039	1,098	1,827	786	1,433
Richmond, Va	343	879	252	918	573	155	553	553	3,153	417	581	964	1,046	115	1,299
Rochester, N. Y	373	608	361	799	430	354	251	68	2,877	338	495	688	1,324	394	1,023
St. Joseph, Mo	1,392	470	1,301	327	1,474	1,261	875	1,058	1,867	948	668	555	941	1,221	485
St. Louis	1,065	284	974	.....	1,230	934	548	731	2,194	621	341	369	699	824	688
St. Paul	1,322	410	1,231	576	1,444	1,212	767	935	2,086	878	708	325	1,275	1,300	16
San Antonio	1,943	1,204	1,852	920	2,150	1,755	1,468	1,651	1,911	1,541	1,217	1,289	571	1,715	1,520
San Francisco	3,186	2,274	3,095	2,194	3,308	3,076	2,631	2,799	.....	2,742	2,572	2,359	2,482	3,064	2,096
Seattle	3,151	2,239	3,060	2,332	3,273	2,941	2,596	2,764	957	2,707	2,537	2,154	2,931	3,029	1,818
Spokane	2,812	1,900	2,721	1,932	2,934	2,702	2,257	2,425	1,205	2,368	2,198	1,815	2,585	2,690	1,479
Springfield, Mass	139	935	230	1,131	99	327	583	400	3,209	583	827	1,020	1,511	367	1,355
Tampa, Fla	1,195	1,309	1,104	1,137	1,425	1,007	1,297	1,405	3,310	1,269	1,053	1,394	828	967	1,720
Toledo	705	244	615	437	795	595	113	296	2,518	261	203	329	1,032	595	934
Washington	228	790	137	804	458	40	437	438	3,064	302	553	875	1,144	.....	1,210

DISTANCES TO PRINCIPAL SEAPORTS.

Nautical miles from New York, New Orleans, San Francisco and Port Townsend by shortest all-water routes. From "Transportation Routes and Systems of the World," by O. P. Austin of the bureau of statistics, Washington, D. C.

Port.	New York.	New Orleans.	San Francisco.	Pt. Townsend.
Aden	6,532	7,870	11,500	11,300
Antwerp	3,325	4,853	13,671	14,446
Batavia	10,182	11,598	7,800	7,600
Bombay	8,120	9,536	9,780	9,580
Brest	2,954	4,458	13,209	13,984
Buenos Aires	5,868	6,318	7,511	8,286
Calcutta	9,830	11,239	8,990	8,896
Callao	9,603	10,142	4,012	4,769
Cape Town	6,815	7,374	10,454	11,229
Colombo	8,610	10,146	8,900	8,700
Colon	1,981	1,380	*3,324	*4,090
Gibraltar	3,207	4,576	12,734	13,509
Hamburg	3,652	5,243	13,998	14,773
Havana	1,227	597	12,900	13,675
Havre	3,169	4,760	13,307	14,082
Hongkong	11,610	12,892	6,086	5,886
Honolulu	13,269	13,719	2,097	2,370
Liverpool	3,053	4,553	13,503	14,278
Manila	11,556	12,946	6,289	5,993
Marseilles	3,876	5,266	13,324	14,099

Port.	New York.	New Orleans.	San Francisco.	Pt. Townsend.
Melbourne	12,670	12,933	7,040	7,311
Naples	4,172	5,562	13,699	14,474
New Orleans	1,741	.....	13,539	14,298
New York	.....	1,741	13,089	13,848
Nome	15,840	16,249	2,705	2,356
Odessa	5,370	6,760	14,897	15,672
Pernambuco	3,696	3,969	9,439	10,214
Port Said	5,122	6,509	12,810	12,610
Port Townsend	13,848	14,298	775	.....
Punta Arenas	6,890	7,340	6,199	6,958
Panama	*2,028	*1,427	3,277	4,052
Rio de Janeiro	4,778	5,218	8,339	9,114
San Francisco	13,089	13,539	.....	775
St. Petersburg	4,632	6,223	†14,960	†15,730
San Juan, P. R.	1,428	1,539	12,199	12,974
Singapore	10,170	11,560	7,502	7,306
Sitka	14,391	14,841	1,302	732
Shanghai	12,360	13,750	5,550	5,290
Tehuantepec	‡2,036	‡812	¶2,189	¶2,964
Valparaiso	8,460	8,733	5,140	5,902
Vladivostok	17,036	17,445	4,706	4,357
Wellington	11,500	11,773	5,909	6,415
Yokohama	13,040	14,471	4,536	4,240

*Via Panama canal. †Approximately. ‡Eastern end railroad. ¶Western end.

Religious Statistics.

CHURCHES IN THE UNITED STATES IN 1909.

[Compiled by Dr. H. K. Carroll for the Christian Advocate.]

Denomination.	Ministers.	Churches.	Members.
Adventists—1. Evangelical.	8	18	481
2. Advent Christians	528	550	26,799
3. Seventh-Day	518	1,817	61,427
4. Church of God	32	20	611
5. Life and Advent Union	12	12	509
6. Churches of God in Jesus Christ	56	62	2,124
Total Adventists	1,154	2,479	91,951
Baptists—1. Regular (north)	8,095	9,239	1,176,380
2. Regular (south)	13,655	21,887	2,139,080
3. Regular (colored)	12,602	17,429	1,874,261
4. Six-Principle	10	16	731
5. Seventh-Day	96	82	8,239
6. Free	1,294	1,303	73,536
7. Freewill	604	623	40,678
8. General	550	538	32,500
9. Separate	100	76	5,180
10. United	260	196	13,698
11. Bap. Church of Christ	99	93	6,416
12. Primitive	1,500	2,922	102,311
13. Primitive (colored)	1,480	797	35,076
14. Old Two-Seed-in-the Spirit Predestinarian	35	55	781
15. Church of God and Saints of Christ	75	48	1,823
Total Baptists	40,455	55,304	5,510,590
Brethren (Dunkards)—			
1. Conservative	2,987	880	100,000
2. Old Order	230	75	4,000
3. Progressive	186	219	18,607
4. Seventh-Day (German)	9	14	240
Total Dunk'd Breth'n	3,412	1,188	122,847
Brethren (Plymouth)—			
1. Brethren I	.....	134	2,933
2. Brethren II	.....	28	4,752
3. Brethren III	.....	81	1,724
4. Brethren IV	.....	160	1,157
Total Plym. Breth'n	.....	403	10,566
Brethren (River)—			
1. Brethren in Christ	174	65	3,675
2. Old Order, or Yorker	24	9	423
3. United Zion's Children	22	28	749
Total River Brethren	220	102	4,847
Buddhists—			
1. Chinese Temples	1	62	.....
2. Japanese Temples	14	12	3,165
Total Buddhists	15	74	3,165
Catholic Apostolic—			
1. Catholic Apostolic	14	11	2,907
2. New Apostolic	19	13	2,020
Total Cath. Apostolic	33	24	4,927
Catholic (Eastern Orthodox)—			
1. Armenian Apostolic	12	21	40,000
2. Russian Orthodox	92	103	55,000
3. Greek Orthodox	45	42	130,000
4. Syrian Orthodox	13	11	35,000
5. Servian Orthodox	9	10	35,000
6. Roumanian Orthodox	5	5	20,000
7. Bulgarian Orthodox	3	3	20,000
Total East'n Catholics	179	195	335,000
Catholics (Western)—			
1. Roman Catholic	*16,440	*13,234	*12,354,596
2. Polish Catholic	24	24	15,473
3. Reformed Catholic	6	6	2,000
Total West'n C'holics	16,470	13,264	12,372,069
Christadelphians	.....	70	1,412
Christians	1,011	1,379	85,717
Christian Catholic (Dowie)	35	17	5,865
Christian Scientists	1,336	668	85,096
Christian Union	295	217	13,905
Churches of God (Winebrennarian)	509	595	41,475
Churches of the Living God (colored)—			
1. Christian Workers for Friendship	51	44	2,676
2. Apostolic	30	15	752
3. Ch'h of Christ in God	20	9	858
Total Churches of the Living God	101	68	4,286
Churches of the New Jerusalem—			
1. General Convention	109	135	6,500
2. General Church	22	13	743
Tl. New Jer'm Ch'hes	131	148	7,243
Communistic Societies—			
1. Shakers	.....	15	516
2. Amana	.....	7	1,756
3. Harmony	.....	.....	.....
4. Altruists	.....	.....	.....
5. Church Triumphant	.....	.....	.....
6. Christian Commonw'th	.....	.....	.....
Total Com. Societies	.....	22	2,272
Congregationalists	*6,026	*6,035	*732,500
Disciples of Christ—			
1 Disciples of Christ	6,460	10,982	1,273,357
2. Churches of Christ	2,100	2,649	156,658
Total Dis. of Christ.	8,560	13,631	1,430,015
Evangelical Bodies—			
1. Evangelical Association	991	1,687	106,957
2. United Evang. Church.	526	991	73,358
Total Evang'l Bodies	1,517	2,678	180,315
Faith Associations—			
1. Apostolic Faith Mvmt	.....	6	538
2. Peniel Missions	30	11	703
3. Met'n Church Assn	29	6	466
4. Hepziba Faith Assn	36	10	293
5. Mission'y Church Assn.	35	32	1,256
6. Heavenly Recruit Ch'h	55	27	938
7. Apostolic Christ'n Ch'h	19	42	4,558
8. Christian Congregation	26	9	395
9. Voluntary Missionary Society (colored)	11	3	425
Total Faith Assns	241	146	9,572
Free Christian Zion Church	20	15	1,835
Friends—1. Orthodox	1,341	830	96,005
2. "Hicksite"	96	211	19,545
3. "Wilburite"	47	48	3,880
4. Primitive	10	8	171
Total Friends	1,494	1,097	119,601
Friends of the Temple	3	3	376
German Evang'l Protestant	59	66	34,704
German Evangelical Synod	1,002	1,290	249,137
Jewish Congregations	1,084	1,769	143,000
Latter-Day Saints—			
1. Utah Branch	1,223	780	350,000
2. Reorganized Branch	1,260	570	50,650
Tl. Latter-Day Saints	2,483	1,350	400,650
Lutherans—			
1. General Synod	1,320	1,746	284,805
2. United Synod (soutb)	240	451	49,574
3. General Council	1,487	2,232	452,818
4. Synodical Conference	2,596	3,246	726,526
5. United Norwegian	825	1,415	160,645
Independent Synods—			
6. Ohio	570	760	120,031
7. Buffalo	25	44	5,556
8. Hauge's	148	286	26,357
9. Eielsen's	5	26	900
10. Texas	19	28	2,800
11. Iowa	500	960	100,250

Denomination.	Ministers.	Churches.	Members.
12. Norwegian	350	1,000	95,000
13. Michigan, etc.	37	55	7,800
14. Danish in America	64	122	11,310
15. Icelandic	13	45	4,656
16. Immanuel	12	6	2,500
17. Suomai (Flanish)	30	168	17,086
18. Finnish Apostolic	60	71	10,000
19. Finnish National	20	40	6,000
20. Norwegian Free	148	325	17,000
21. Danish United	114	171	10,833
22. Slovakian	34	110	22,000
23. Church of the Lutheran Brethren	11	15	1,700
24. Jehovah	9	11	1,100
Independent Congr'ns.	85	205	26,000
Total Lutherans	8,421	13,533	2,173,047
Swedish Evangelical Bodies—			
1. Swedish Evangelical Mission Covenant	368	281	34,000
2. Swedish Evangelical Free Mission	148	130	17,000
Total Swed. Evang'l	516	411	51,000
Mennonites—1. Mennonite	346	220	18,674
2. Bruederhoef	9	8	275
3. Amish	131	57	7,640
4. Old Amish	141	46	5,043
5. Apostolic	2	2	209
6. Reformed	34	34	2,079
7. General Conference	143	90	11,661
8. Ch'h of God in Christ	17	18	562
9. Old (Wisler)	18	9	655
10. Bundes Conference	36	19	2,533
11. Defenseless	26	14	967
12. Brethren in Christ	70	68	2,801
Separate Confer'ces (2)	35	21	1,908
Total Mennonites	1,008	606	55,007
Methodists—			
1. Methodist Episcopal	18,160	28,325	3,159,913
2. Union American Methodist Episcopal	138	255	18,500
3. Afr'n Meth. Episcopal	6,353	5,483	452,126
4. African Union Methodist Protestant	200	125	4,000
5. African Methodist Episcopal Zion	3,421	3,291	545,681
6. Methodist Protestant	1,348	2,380	188,122
7. Wesleyan Methodist	570	605	19,485
8. Meth. Epis. (south)	*7,287	*15,757	1,780,778
9. Congregational Meth.	337	333	15,529
10. Congregational Methodist (colored)	5	5	319
11. New Congreg'nal Meth.	59	35	1,782
12. Congre'l Meth. (north)	.....	.....	.....
13. Zion Union Apostolic	33	45	3,059
14. Col'd Meth. Episcopal	2,863	2,809	233,911
15. Primitive	77	97	7,295
16. Free Methodist	1,104	1,132	32,166
17. Reformed Methodist Union Episcopal	72	58	4,397
18. Independent Methodist	2	2	1,161
19. Evangelist Missionary	.....	.....	.....
Total Methodists	42,029	60,737	6,477,224
Moravian Bodies—			
1. Moravian	134	127	17,572
2. Union Bohemians and Moravians	3	15	771
Total Morav'n Bodies	137	142	18,343
Nonsectarian Bible Faith Churches	50	204	6,396

Denomination.	Ministers.	Churches.	Members.
Pentecostal Bodies—			
1. Pentecostal Church	700	350	15,000
2. Other Pentec'l Assns.	115	130	1,420
Ttl. Pentecostal Bod.	815	380	16,420
Presbyterians—1. Northern.	8,916	9,907	1,311,828
2. Cumberland	657	1,465	75,000
3. Cumberland (colored)	375	196	18,066
4. Welsh Calvinistic	95	140	13,414
5. United	995	980	132,925
6. Southern	1,625	3,217	269,733
7. Associate	12	22	786
8. Associate Ref'd (south)	117	158	13,409
9. Reformed (Synod)	125	112	9,045
10. Reformed (Gen'l Synod)	17	19	3,400
11. Reformed (Covenanted)	.....	1	40
12. Reformed in the United States and Canada	1	1	400
Total Presbyterians	12,935	16,224	1,848,046
Protestant Episcopal—			
1. Protestant Episcopal	5,272	7,594	912,123
2. Reformed Episcopal	94	80	9,610
Total Prot. Episcopal	5,366	7,674	921,713
Reformed—			
1. Reformed (Dutch)	727	684	116,174
2. Reformed (German)	1,230	1,737	293,836
3. Christian Reformed	135	177	27,306
4. Hungarian Reformed	18	16	5,253
Total Reformed	2,110	2,614	442,569
Salvationists—			
1. Salvation Army	3,326	889	26,850
2. Amer. Salvation Army	59	20	436
Total Salvationists	3,385	909	27,286
Schwenkfeldians	6	8	850
Social Brethren	15	17	1,262
Society for Ethical Culture	8	5	2,342
Spiritualists	.....	748	150,000
Theosophical Society	.....	99	3,000
United Brethren—			
1. United Brethren	1,874	3,766	285,019
2. United Brethren (Old Constitution)	303	545	19,637
Total United Brethren	2,177	4,311	304,656
Unitarians	558	482	70,542
Universalists	730	890	54,836
Independent Congregations	267	879	48,973
Grand total for 1909	168,378	215,160	34,677,000
Grand total for 1908	164,355	210,434	33,885,287

*Estimated.

ORDER OF DENOMINATIONAL FAMILIES.

Denominations.	Rank in 1908.	Communicants.	Rank in 1890.	Communicants.
Catholic (Roman, etc.)	1	12,372,069	1	6,257,871
Methodist	2	6,477,224	2	4,589,284
Baptist	3	5,510,590	3	3,717,969
Lutheran	4	2,173,047	5	1,231,072
Presbyterian	5	1,848,046	4	1,278,362
Episcopal	6	921,713	6	540,509
Reformed	7	442,569	7	309,458
Latter-Day Saints	8	400,650	9	166,125
United Brethren	9	304,656	8	225,281
Jewish	10	143,000	10	130,496
Dunkard Brethren	11	122,847	13	73,795
Friends	12	119,601	11	107,208
Adventists	13	91,951	14	60,491

SUMMARY FOR 1909.

Denominations.	Ministers.	Churches.	Communicants.	Gain ministers.	Gain churches.	Gain communicants
Adventists (six bodies)	1,154	2,479	91,951	*413	*126	*1,572
Baptists (fifteen bodies)	40,455	55,304	5,510,590	1,451	197	91,933
Brethren (Dunkards, four bodies)	3,412	1,188	122,847	75	13	515
Brethren, Plymouth (four bodies)	.....	403	10,566	.....	89	3,905
Brethren River (three bodies)	220	102	4,847	19	4	433
Buddhists (two bodies)	15	74	3,165	15	18	3,165
Catholic Apostolic (two bodies)	33	24	4,927	*62	14	3,436

Denomination.	Ministers.	Churches.	Communicants.	Gain ministers.	Gain churches.	Gain communicants
Catholics (Eastern Orthodox, seven bodies)	179	195	35[illegible],000	35	16	80,000
Catholics (Western, three bodies)	16,470	13,264	12,372,069	338	293	227,286
Christadelphians	.....	70	1,412	.....	7	135
Christians	1,011	1,379	85,717	*77	80	*6,615
Christian Catholic (Dowie)	35	17	5,865	*69	*93	*34,135
Christian Scientists	1,336	668	85,096	.....	.....	.....
Christian Union	295	217	13,905	41	*58	*12,078
Church of God (Winebrennarian)	509	595	41,475	10	5	.....
Church of the Living God (colored, three bodies)	101	68	4,286	101	68	4,286
Church of the New Jerusalem (two bodies)	131	148	7,243	*1	1	34
Communistic Societies (six bodies)	.....	22	2,272	.....	.....	*812
Congregationalists	6,026	6,035	732,500	20	111	13,305
Disciples of Christ (two bodies)	8,560	13,681	1,430,015	1,471	2,024	134,592
Evangelical (two bodies)	1,517	2,678	180,315	21	20	2,899
Faith Associations (nine bodies)	241	146	9,572	241	146	9,572
Free Christian Zion Church	20	15	1,835	20	15	1,835
Friends (four bodies)	1,494	1,097	119,601	107	*6	425
Friends of the Temple	3	3	376	*1	*1	36
German Evangelical Protestant	59	56	34,704	*6	*28	19,704
German Evangelical Synod	1,002	1,290	249,137	17	21	10,332
Jewish Congregations	1,084	1,769	143,000	783	1,199	.....
Latter-Day Saints (two bodies)	2,483	1,350	400,650	55	10	1,150
Lutherans (twenty-four bodies)	5,421	13,533	2,173,047	204	224	81,311
Swedish Evangelical (two bodies)	516	411	51,000	159	50	4,000
Mennonites (twelve bodies)	1,008	606	55,007	*232	*95	*6,683
Methodists (nineteen bodies)	42,929	60,737	6,477,224	*918	*179	54,927
Moravians (two bodies)	137	142	18,343	4	23	500
Nonsectarian Bible Faith Churches	50	204	6,396	50	204	6,396
Pentecostal (two bodies)	815	380	16,420	240	150	4,420
Presbyterians (twelve bodies)	12,935	16,224	1,848,046	*75	*294	16,192
Protestant Episcopal (two bodies)	5,366	7,674	921,713	79	*54	25,891
Reformed (four bodies)	2,110	2,614	442,569	81	4	10,321
Salvationists (two bodies)	3,385	899	27,286	59	20	436
Schwenkfeldians	6	8	850	.....	.....	23
Social Brethren	15	17	1,262	*2	*3	349
Society for Ethical Culture	8	5	2,342	.....	.....	114
Spiritualists	.....	748	150,000	.....	.....	.....
Theosophical Society	.....	99	3,000	.....	14	400
United Brethren (two bodies)	2,177	4,311	311,656	*43	*81	4,387
Unitarians	553	482	70,542	9	9	*658
Universalists	730	890	54,836	6	*20	1,824
Independent Congregations	267	879	48,673	213	723	34,547
Grand total for 1909	168,378	215,160	34,677,000	4,023	4,726	791,713
Grand total for 1908	164,355	210,434	33,885,287	.....	.....	.....

*Decrease.

FEDERAL CENSUS OF RELIGIOUS BODIES (1906).

There were in the United States in 1906, the period of the fifth United States census of the religious bodies in this country, according to census bulletin No. 103, issued in September, 1909, 186 religious denominations, 212,230 local religious organizations, 32,936,445 church members and $1,257,575,867 invested in church edifices.

MEMBERSHIP BY SEX.

The census of 1906 collected for the first time statistics of the membership by sex. Of the total number of members returned by sex, 43.1 per cent were male and 56.9 per cent female. For the protestant bodies as a whole the difference was greater, 39.3 per cent being male and 60.7 per cent female. For the Roman catholic church the membership was nearly equally divided between the sexes, 49.3 per cent being male and 50.7 per cent female. This is true also for the Church of Jesus Christ of Latter-Day Saints, which reports 48.6 per cent male. The largest percentage of males shown for any denomination was that for the Greek Orthodox church, 93.9, which is due to the fact that practically all the Greek immigrants have been males. The Lutheran bodies showed 46.1 per cent males; Disciples, 40 per cent; Methodist and Baptist bodies, 38.5 per cent each; Presbyterian bodies, 37.9 per cent, and Protestant Episcopal church, 35.5 per cent. The denominations showing the smallest percentage of males were the Christian Scientists, 27.6, and the Shakers, 21.3.

VALUE OF CHURCH PROPERTY (1906).

Denomination.	Amount.	Rank.
Roman catholic church	$292,638,787	1
Methodist bodies	229,450,996	2
Presbyterian bodies	150,189,446	3
Baptist bodies	139,842,656	4
Protestant Episcopal church	125,040,498	5
Lutheran bodies	74,826,389	6
Congregationalists	63,240,305	7
Reformed bodies	30,648,247	8
Disciples or Christians	29,995,316	9
Jewish congregations	23,198,925	10
Unitarians	14,263,277	11
Universalists	10,575,656	12
Ger. Evang. Synod of No. America	9,376,402	13
United Brethren bodies	9,073,791	14
Evangelical bodies	8,999,979	15
Church of Christ (Scientist)	8,806,441	16
Independent churches	3,934,267	17
Friends	3,857,451	18
Latter-Day Saints	3,168,548	19
Dunkers or German Bap. Brethren	2,802,532	20
Christians (Christian connection)	2,740,322	21
Adventist bodies	2,425,209	22
Mennonite bodies	1,237,134	23
Eastern Orthodox churches	964,791	24

The total value of church property reported in 1906 for all denominations was $1,257,575,867, of which $935,942,578 was reported for protestant bodies, $292,638,787 for the Roman catholic church and $28,994,502 for all the remaining bodies. The property includes the buildings owned and used for worship by the organizations reporting, together with the value of their sites and of their furniture, organs, bells, etc. It does not include the value of rented buildings or halls, nor of parsonages, parochial school buildings, theological seminaries, monasteries, convents or the like. The statistics, it may be added, are not complete, as some of the bodies were only partially represented. For example, for the Jewish congregations only 747 organizations, or considerably less than one-half the entire number, reported the value of church property owned by them, and, similarly, for the Church of Christ, Scientist, only 401 organizations, or not much more than three-fifths of the entire number, made

a report. For the Roman catholic church only a little more than four-fifths of the total number of organizations made any report of property owned, while the eastern orthodox churches as a whole show a report for only about one-fifth of all their organizations.

The total value of the parsonages of 54,214 organizations reporting in 1906 was $143,495,853.

DEBT ON CHURCH PROPERTY.

The total amount of debt on church property reported in 1906 was $108,050,946, or 8.6 per cent of the value of the church property reported. Of the total amount of debt, $53,301,254 was reported by protestant bodies, $49,488,055 by the Roman catholic church, $4,556,571 by the Jewish congregations and $705,066 by the remaining bodies.

SUNDAY SCHOOLS IN THE UNITED STATES (1906).

Denomination.	Organizations reporting. No.	Pct. of total.	Schools reporting. No.	Per cent distrib'n.	Officers and teachers. No.	Per cent distrib'n.	Scholars. No.	Per cent distrib'n
All denominations	167,574	79.0	178,214	100.0	1,648,664	100.0	14,685,997	100.0
Protestant bodies	156,437	80.0	165,128	92.7	1,564,821	94.0	13,018,434	88.6
Adventist bodies	2,078	81.5	2,242	1.3	14,286	0.9	69,110	0.5
Baptist bodies	41,165	75.0	43,178	24.2	323,473	19.6	2,898,914	19.7
Christians (christian connection)	1,136	82.4	1,149	0.6	10,510	0.6	72,963	0.5
Church of Christ (Scientist)	550	85.2	551	0.3	3,155	0.2	16,116	0.1
Congregationalists	5,327	93.2	5,741	3.2	75,801	4.6	638,089	4.3
Disciples or Christians	7,901	72.2	8,078	4.5	70,476	4.3	634,504	4.3
Dunkers or German Baptist Brethren	866	78.9	1,223	0.7	10,789	0.7	78,575	0.5
Evangelical bodies	2,454	89.6	2,549	1.4	32,113	1.9	214,998	1.5
Friends	846	73.8	887	0.5	7,735	0.5	53,761	0.4
German Evang'l Synod of North America	1,086	90.1	1,111	0.6	12,079	0.7	116,106	0.8
Independent churches	826	76.6	922	0.5	6,732	0.4	57,680	0.4
Lutheran bodies	8,682	68.3	9,450	5.3	83,891	5.1	782,786	5.3
Mennonite bodies	411	68.0	439	0.2	5,041	0.3	44,922	0.3
Methodist bodies	55,227	85.4	57,464	32.2	569,296	34.5	4,472,930	30.5
Presbyterian bodies	13,048	84.1	14,452	8.1	176,647	10.7	1,511,175	10.3
Protestant Episcopal church	5,511	76.1	5,601	3.1	51,048	3.1	464,351	3.2
Reformed bodies	2,345	90.7	2,588	1.5	38,710	2.3	361,548	2.5
Unitarians	358	77.7	364	0.2	3,592	0.2	24,005	0.2
United Brethren bodies	3,777	87.8	3,870	2.2	42,169	2.6	301,320	2.1
Universalists	596	70.4	600	0.3	6,585	0.4	42,201	0.3
Other protestant bodies	2,547	88.9	2,669	1.5	20,693	1.3	162,380	1.1
Roman Catholic church	9,406	75.4	11,172	6.3	62,470	3.8	1,481,535	10.1
Jewish congregations	561	31.7	600	0.3	2,239	0.1	49,514	0.3
Latter-Day Saints	1,036	87.5	1,169	0.7	18,507	1.1	130,085	0.9
Eastern Orthodox churches	7	1.7	7	*	10	*	509	*
All other bodies	127	16.6	138	0.1	617	*	5,920	*

*Less than one-tenth of 1 per cent.

CHURCHES AND RELIGIOUS ASSOCIATIONS.

ROMAN CATHOLIC CHURCH OF THE UNITED STATES.

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CATHOLIC CHURCH STATISTICS.

[From the Official Catholic Directory for 1910. Figures are for the United States.]

Cardinal—1.
Archbishops—13.
Bishops—88.
Secular clergy—12,274.
Religious clergy—4,276.
Total clergy—16,550.
Churches with resident priests—8,849.
Missions with churches—4,355.
Total churches—13,204.
Seminaries—83.
Students—6,182.
Colleges for boys—217.
Academies for girls—709.
Parishes with schools—4,845.
Children attending—1,237,251.
Orphan asylums—289.
Orphans—51,541.
Charitable institutions—1,125.
Total children in catholic institutions—1,450,448.
Catholic population of U. S.—14,347,027.

ARCHDIOCESE OF CHICAGO.*

Archbishop—1.
Bishops—2.
Clergy—683.
Churches with resident priests—275.
Missions with churches—19.
Total churches—294.
Seminaries—2.
Students—300.
Colleges for boys—12.
Academies for girls—22.
Parishes with schools—201.
Children attending—99,690.
Orphan asylums—8.
Orphans—1,695.
Charitable institutions—37.
Total children in catholic institutions—105,552.
Catholic population—About 1,150,000.

*Comprises counties of Cook, Lake, DuPage, Kankakee Will and Grundy in state of Illinois.

COLLEGE OF CARDINALS.

Cardinal bishops—	Created cardinal.
Agliardi, Anthony, b. Sept. 4, 1832	1889
Cassetta, Francis de Paula, b. Aug. 12, 1845	1889
Oreglia, Louis di S. Stefano, b. July 9, 1828	1873
Vannutelli, Serafino, b. Nov. 26, 1834	1873
Vannutelli, Vincent, b. Dec. 5, 1836	1889
Cardinal priests—	
Aguirre y Garcia, Gregory, b. 1835	1907
Andrieu, Paul Pierre, b. 1849	1907
Bacillieri, Bartholomew, b. March 27, 1842	1901
Boschi, Julius, b. March 2, 1838	1901
Capecelatro, Alphonsus, b. Feb. 5, 1824	1885
Cavalcanti, Joachim A. de A., b. Jan. 17, 1850	1905
Cavallari, Aristides, b. 1849	1907
Cavicchioni, Benjamin, b. Dec. 27, 1836	1903
Couillie, Peter H., b. March 15, 1829	1897
Di Pietro, Angelo, b. May 26, 1828	1893
Ferrari, Andrew, b. Aug. 18, 1850	1894
Ferrata, Dominic, b. March 4, 1847	1896
Fischer, Anthony H., b. May 30, 1840	1903
Francisca-Nava di Bontife, J., b. July 23, 1846	1899
Gaspari, Peter, b. 1852	1907
Gennari, Casimir, b. Dec. 27, 1839	1901
Gibbons, James, b. July 23, 1834	1895
Gotti, James Mary, b. March 29, 1834	1895
Gruscha, Anthony J., b. Nov. 3, 1820	1891
Herrera, Joseph M. M., b. Aug. 26, 1835	1897
Katschthaler, John, b. May 20, 1832	1903
Kopp, George, b. July 27, 1837	1893
Logue, Michael, b. Oct. 1, 1840	1893
Lorenzelli, Benedict, b. 1853	1907
Lualdi, Alexander, b. 1858	1907
Lueon, Louis Henry, b. 1842	1907
Maffi, Peter, b. 1858	1907
Martinelli, Sebastian, b. Aug. 20, 1848	1901
Mercier, Desideratus, b. 1851	1907
Merry del Val, Raphael, b. Oct. 10, 1865	1903
Moran, Francis Peter, b. Sept. 17, 1830	1885
Neto, Joseph Sebastian, b. Feb. 8, 1841	1884
Prisco, Joseph, b. Sept. 18, 1836	1896
Puzyna, John de K., b. Sept. 13, 1842	1901
Rampolla, Mariano, b. 1843	1887
Respighi, Peter, b. Sept. 22, 1843	1899
Richelmy, Augustinus, b. Nov. 29, 1850	1899
Rinaldini, Aristides, b. 1844	1907
Samassa, Joseph, b. Sept. 30, 1828	1905
Sanminiatelli, Alexander, b. Aug. 4, 1840	1899
Skrbensky, Leo, b. June 12, 1863	1901
Vaszary, Claudius, b. Feb. 12, 1832	1893
Cardinal deacons—	
Cagiano de Azevedo, Ottavius, b. Nov. 7, 1845	1905
De Lai, Cajetan	1907
Segna, Francis, b. Aug. 31, 1836	1894
Vives y Tuto, Joseph, b. Feb. 15, 1854	1899
Volpe, Francis Della, b. Dec. 24, 1814	1899

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Bishop coadjutor	R. H. Nelson, Albany, N. Y.
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Arkansas	William M. Brown, Little Rock
Asheville	Junius M. Horner, Asheville, N. C.

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Chicago	C. P. Anderson, Chicago
Colorado	C. S. Olmsted, Denver
Connecticut	C. B. Brewster, Hartford
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Delaware	F. J. Kinsman, Wilmington
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Harrisburg	J. H. Darlington, Harrisburg
Honolulu	H. B. Restarick, Honolulu, H. I.
Indianapolis	J. M. Francis, Indianapolis
Iowa	T. N. Morrison, Davenport
Kansas	F. R. Millspaugh, Topeka
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Missionary Secretary—Rev. William Ewing, Boston, Mass.
Manager Pilgrim Press—Luther H. Cary, Boston.
District Secretary—Rev. W. F. McMillen, D. D., room 1008 Association building, 153 LaSalle street, Chicago, Ill.
Manager Western Agency—F. E. Atwood, 175 Wabash avenue, Chicago, Ill.
Headquarters—Congregational House, Boston, Mass.

CHURCH BUILDING SOCIETY.

President—Dr. Lucien C. Warner, New York city.
Secretary—Rev. C. H. Richards, D. D., New York city.
Field Secretaries—Rev. W. W. Newell, D. D., 153 LaSalle street, Chicago, Ill.; Rev. Roy B. Guild,

Boston, Mass.; Rev. H. H. Wikoff, San Francisco, Cal.
Headquarters—105 East 22d street, New York city.

HOME MISSIONARY SOCIETY.

President—Rev. C. S. Mills, D. D., St. Louis, Mo.
Treasurer—Washington Choate, D. D.
Secretaries—Hubert C. Herring, Willis E. Lougee.
Headquarters—287 4th avenue, New York city.
Superintendent German Department—M. E. Eversz, D. D., Evanston, Ill.

ILLINOIS HOME MISSIONARY SOCIETY.

President—Hon. T. C. Mac Millan, Chicago, Ill.
Vice-President—Rev. C. L. Morgan, D. D.
Superintendent and Corresponding Secretary—Rev. George T. McCollum, D. D.
Treasurer—John W. Iliff.
Office—153 LaSalle street, Chicago, Ill.

EDUCATION SOCIETY.

President—Rev. William R. Campbell, D. D., Boston, Mass.
Secretary—Rev. Edward S. Tead, Boston, Mass.
Treasurer—S. F. Wilkins, Boston, Mass.
Headquarters—Congregational House, Boston, Mass.
Chicago Office—153 LaSalle street; Rev. Theodore Clifton, D. D., western field secretary.

MINISTERIAL RELIEF.

Chairman—Rev. H. A. Stimson, D. D., New York city.
Secretary—Wm. A. Rice, D. D., New York city.
Treasurer—B. H. Fancher, 287 4th avenue, New York city.

MINISTERIAL RELIEF ASSOCIATION OF ILLINOIS.

President—William Spooner, Oak Park.
Treasurer—R. R. Baldwin, 107 Dearborn street, Chicago.

NATIONAL TRIENNIAL COUNCIL.

Moderator—Hon. T. C. Mac Millan, Chicago, Ill.
Secretary—Rev. Asher Anderson, D. D., Congregational House, Boston, Mass.
Registrar and Treasurer—Rev. Joel S. Ives, Hartford, Conn.

WOMAN'S BOARD OF MISSIONS.

Secretary—Miss E. H. Stanwood, Congregational House, Boston, Mass.

NATIONAL FEDERATION OF WOMEN'S HOME MISSIONARY SOCIETIES.

President—Mrs. B. W. Firman, 1012 Iowa street, Oak Park, Ill.
Secretary—Mrs. G. H. Schneider, Chicago, Ill.
Treasurer—Mrs. H. A. Flint, Syracuse, N. Y.

CHICAGO CITY MISSIONARY SOCIETY.

President—Frank Kimball.
Secretary—William Spooner, 131 LaSalle street.
Treasurer—Willis S. Herrick.
Superintendent—Rev. J. C. Armstrong, D. D., 153 LaSalle street.

CONGREGATIONAL BROTHERHOOD OF AMERICA.

President—John H. T. Main, Ph. D., Grinnell, Ia.
Vice-Presidents—W. R. Moody, Northfield, Mass., and H. M. Beardsley, Kansas City, Mo.

BAPTIST DENOMINATION.

Baptist World Alliance—President, Rev. John Clifford, London, England; secretaries, Rev. J. H. Shakespeare, London, England; Rev. J. N. Prestridge, Louisville, Ky.
General Convention of Baptists of North America—President, A. H. Strong, LL. D., Rochester, N. Y.; secretary, Rev. S. B. Meeser, Chester, Pa.
Northern Baptist Convention—President, Emory W. Hunt, LL. D., Granville, O.; corresponding secretary, Rev. W. C. Bitting, D. D., St. Louis, Mo.
Southern Baptist Convention—President, Hon. Joshua Levering, Baltimore, Md.; secretaries, Lansing Burrows, D. D., Nashville, Tenn.; Oliver F. Gregory, Staunton, Va.
American Baptist Publication Society—President, Samuel A. Crozer (deceased), Pennsylvania; secretary, A. J. Rowland, D. D., 1701 Chestnut street, Philadelphia, Pa.
American Baptist Historical Society—President, B. MacMackin, D. D., Philadelphia, Pa.
American Baptist Foreign Mission Society—President, E. B. Bryan, LL. D., Hamilton, N. Y.; corresponding secretaries, home department, Rev. F. P. Haggard, D. D.; foreign department, T. S. Barbour, Ford building, Boston, Mass.; treasurer, Charles W. Perkins, Boston, Mass.
American Baptist Home Mission Society—President, F. A. Wells, Chicago; treasurer, Frank T. Moulton, New York, N. Y.; corresponding secretary, H. L. Morehouse, D. D., 312 4th avenue, New York city; associate corresponding secretary, Charles L. White, New York, N. Y.; field secretary, L. Call Barnes, D. D., New York, N. Y.; recording secretary, Rev. W. M. Walker, Scranton, Pa.
Baptist Forward Movement for Missionary Education—Rev. John M. Moore, general secretary, Ford building, Boston.
Woman's Baptist Foreign Missionary Society—President, Mrs. M. Grant Edmands, Chestnut Hill, Mass.; corresponding secretary foreign department, Mrs. H. G. Safford, Ford building, Boston, Mass.; secretaries home department, Miss J. H. Wright and Miss J. G. Shinn, same address.
Women's Baptist Foreign Missionary Society of the West—President, Mrs. John Edwin Scott, Evanston, Ill.; foreign corresponding secretary, Miss Blanche G. Loveridge, Waukegan, Ill.; home secretary, Miss Carrie E. Perrine, 88 East 30th street, Chicago, Ill.; treasurer, Mrs. M. E. Kline, Chicago, Ill.
Woman's American Baptist Home Mission Society—President, Mrs. Albert G. Lester, Chicago, Ill.; corresponding secretary, Mrs. Katharine S. Westfall, 2969 Vernon avenue, Chicago, Ill.; recording secretary, Mrs. William H. Baker, Washington, D. C.; treasurer, Mrs. Emma C. Marshall, Chicago, Ill.
Baptist Young People's Union of America—President, Rev. W. J. Williamson, D. D., St. Louis, Mo.; recording secretary, Rev. H. W. Reed, Rock Island, Ill.; general secretary, Rev. George T. Webb, Philadelphia, Pa.; treasurer, H. B. Osgood, Chicago, Ill.
Baptist Congress—President, Rev. Leighton Williams, D. D., New York, N. Y.; secretary, Rev. T. A. K. Gessler, D. D., Landing, N. J.
Chicago Baptist Executive Council—Dean, Shailer Mathews, University of Chicago; superintendent, Rev. F. L. Anderson, 167 Wabash avenue; secretary, B. B. Grenell, 280 Washington boulevard; treasurer, A. E. Wells, Monadnock block.

SOUTHERN BAPTIST CONVENTION.

Officers—President, Joshua Levering, Baltimore, Md.; vice-presidents, Hon. Joseph James Darlington, Washington, D. C.; Pres. Samuel Palmer Brooks, D. D., Waco, Tex.; William Ellyson, Richmond, Va.; Hon. Lamartine Hardman, Commerce, Ga.; secretaries, Rev. Lansing Burrows, D. D., Americus, Ga.; Rev. Oliver Gregory, D. D., Staunton, Va.; treasurer, George W. Norton, Louisville, Ky.; auditor, William P. Harvey, Louisville, Ky.
Foreign Mission Board—President, J. B. Hutson, Virginia; corresponding secretary, Rev. R. J. Willingham, D. D.; editorial secretary, W. H. Smith; educational secretary, Rev. T. B. Ray; field secretary, Rev. S. J. Porter, D. D.; recording secretary, Rev. W. S. Dorsett, D. D.; treasurer, R. R. Gwathmey; auditor, J. D. Crump.
Home Mission Board—President, Rev. John F. Purser, D. D., Georgia; corresponding secretary, Rev. B. D. Gray, D. D.; assistant corresponding secretary, Rev. J. F. Love, D. D.; treasurer, Walker Dunson; recording secretary, M. M. Welch; editorial secretary, Rev. V. I. Masters; auditor, C. A. Davis.
Sunday School Board—President, Rev. E. E. Folk, D. D., Tennessee; corresponding secretary and treasurer, Rev. J. M. Frost, D. D.; recording secretary, A. B. Hill; auditor, Roger Eastman.

UNITARIAN CHURCH.

NATIONAL CONFERENCE.

President—Hon. Horace Davis, San Francisco, Cal.
Vice-Presidents—Hon. George E. Adams, Chicago, Ill.; Hon. Thomas J. Morris, Baltimore, Md.; Hon. George C. Perkins, San Francisco, Cal.; Hon. Francis C. Lowell, Boston, Mass.; Hon. Alfred T. White, New York, N. Y.
General Secretary—Rev. Walter F. Greenman, 684 Astor street, Milwaukee, Wis.
Treasurer—Richard C. Humphreys, Esq., 272 Congress street, Boston, Mass.

WESTERN CONFERENCE.

President—Morton D. Hull, Chicago.
Secretary—Rev. Ernest C. Smith, Chicago.
Treasurer—C. K. Pittman, Evanston, Ill.
Directors—Morton D. Hull, F. A. Delano, Mrs. E. A. Delano, J. W. Hosmer, C. K. Pittman, Mrs. S. F. Lynn, Rev. Fred V. Hawley, Rev. W. H. Pulsford and Rev. Ernest C. Smith, all of Chicago, Ill.; Dana Slade, Jr., Hinsdale, Ill.; Rev. Eugene R. Shippen, Detroit, Mich.; E. C. Mason, Milwaukee, Wis.; Rev. F. A. Gilmore, Madison, Wis.; Rev. W. M. Backus, Minneapolis, Minn.; Rev. George R. Gebauer, Duluth, Minn.; Rev. Mary A. Safford, Des Moines, Iowa; Mrs. C. V. Mersereau, St. Louis, Mo.; Rev. F. M. Bennett, Lawrence, Kas.; C. S. Udell, Grand Rapids, Mich.; Rev. H. W. Foote, Ann Arbor, Mich.; Rev. M. O. Simons, Cleveland, O.
Headquarters—175 Dearborn street, Chicago, Ill.

AMERICAN UNITARIAN ASSOCIATION.

President—Rev. Samuel A. Eliot, D. D., Boston, Mass.
Secretary—Rev. Lewis G. Wilson, Boston, Mass.

CHURCH OF THE NEW JERUSALEM.

[Swedenborgian.]

THE GENERAL CONVENTION.

President—Rev. S. S. Seward, Detroit, Mich.
Vice-President—Hon. Job Barnard, Washington, D. C.
Recording Secretary—C. A. E. Spamer, 215 North Charles street, Baltimore, Md.
Assistant Secretary—Paul H. Seymour, Chicago, Ill.
Treasurer—James Richard Carter, 246 Devonshire street, Boston, Mass.

ILLINOIS ASSOCIATION OF THE NEW JERUSALEM.

Presiding Minister—Rev. John S. Saul, 501 Masonic Temple, Chicago, Ill.
Secretary—Rev. L. G. Landenberger, 3741 Windsor place, St. Louis, Mo.
Treasurer—C. H. Cutler, 4801 Kenwood avenue, Chicago, Ill.
Executive Committee—Robert Matheson, 2121 Sedgwick street, Chicago, Ill.; Dr. J. P. Cobb, 1021 East 47th street, Chicago, Ill.; Clark S. Reed, 1007, 134 Monroe street, Chicago, Ill.; William Niles, Laporte, Ind.; George Copeland, Jefferson, Wis.; Percy Werner, Rialto building, St. Louis, Mo.; George E. Lee, Springfield, Ill.

CHICAGO SOCIETY OF THE NEW JERUSALEM.

President—Joseph P. Cobb, 1404 Heyworth building.
Secretary—Clark S. Reed, 1007, 134 Monroe street.
Treasurer—R. O. Barler, 104 Lake street.
Executive Committee—C. J. Cobb, F. A. Smith, H. D. Belcher, Rev. John W. Stockwell, John F. Dabney R. Matheson, L. B. Bishop, J. W. Saul, R. O. Barler and officers ex-officio.

LUTHERAN DENOMINATION.

GENERAL SYNOD OF LUTHERAN CHURCH OF THE UNITED STATES.

President—Rev. H. K. Fenner, D. D., Louisville Ky.
Secretary—Rev. F. P. Mannhart, D. D., Sellingsgrove, Pa.

AUGUSTANA SYNOD.

President, Rev. E. Norelius, D. D., LL. D., R. N. O., Vasa, Minn.
Vice-President—Rev. L. A. Johnston, D. D., Moline, Ill.
Secretary—Rev. John G. Dahlberg, A. M., 372 Logan avenue, Winnipeg, Canada.
Treasurer—Rev. Carl J. Bengston, 531 North 3d street, Missoula, Mont.

MISSOURI SYNOD (GERMAN).

President—Dr. F. Pieper, Concordia seminary, St. Louis, Mo.
Secretary—Rev. R. D. Biedermann, 713 South New Jersey street, Indianapolis, Ind.
The official title of this organization is: The German Evangelical Lutheran Synod of Missouri, Ohio and Other States.

MISSOURI SYNOD (ENGLISH).

President—Rev. H. P. Eckhardt, 901 Summit avenue, Jersey City, N. J.
Secretary—Rev. J. F. Wenchel, 228 Morgan street, N. W., Washington, D. C.
Official title of organization: The Evangelical Lutheran Synod of Missouri and Other States.

HAUGE SYNOD.

President—Rev. C. J. Eastvold, Jewell, Iowa.
Secretary—Prof. N. J. Lohre, Jewell, Iowa.
Treasurer—O. A. Ulvin, Red Wing, Minn.

NORWEGIAN SYNOD.

President—Dr. V. Koren, Decorah, Iowa.
Vice-President—Dr. H. G. Stub, 806 Sheldon avenue, St. Paul, Minn.
Secretary—Rev. D. C. Jordahl, Norway Lake, Minn.
Treasurer—Rev. M. Borge, Decorah, Iowa.

UNITED NORWEGIAN SYNOD.

President—Rev. T. H. Dahl, D. D., 2117 Park avenue, Minneapolis, Minn.
Secretary—Jens C. Roseland, 2410 North Ballou street, Chicago, Ill.

THE LUTHER LEAGUE.

Luther League of America—President, William C. Stoever, Philadelphia, Pa.; secretary, Rev. Luther M. Kuhns, Omaha, Neb.; chairman national executive committee, E. F. Eilert, New York, N. Y.
Luther League of Illinois—President, John H. Hanberg, Moline; corresponding secretary, Alvina Stut, 1973 Evergreen avenue, Chicago.
Luther League of Chicago—President, C. C. Eisemann; corresponding secretary, Martha D. Baker, 5353 Kenmore avenue.

AMERICAN BIBLE SOCIETY.

Bible House, Astor place, New York, N. Y.
President—Theophilus A. Brouwer, New York, N. Y.
Corresponding Secretaries—Rev. John Fox, D. D., and Rev. William I. Haven, Bible House, New York, N. Y.
Recording Secretary—Rev. Henry Otis Dwight, Bible House, New York, N. Y.
Treasurer—William Foulke, Bible House, New York, N. Y.
Agency Secretaries in the United States—Rev. J. F. Horton, 42 East Madison street, Chicago, Ill.; Rev. J. P. Wragg, D. D., South Atlanta, Ga.; Rev. M. B. Porter, 208 North 8th street, Richmond, Va.; Rev. S. H. Kirkbride, D. D., 214 Y. M. C. A. building, Denver, Col.; Rev. A. Wesley Mell, 216 Pacific building, San Francisco, Cal.; Rev. Glenn Flinn, 420 Main street, Dallas, Tex.; Rev. G. S. J. Browne, D. D., 222 West 4th street, Cincinnati, O.; Rev. L. W. Eckard, D. D., 701 Walnut street, Philadelphia, Pa.; Rev. W. H. Hendrickson, 215 Montague street, Brooklyn, N. Y.

BROTHERHOOD OF ANDREW AND PHILIP.

President—W. H. Ball, 517 Chestnut street, Philadelphia, Pa.
Recording Secretary—John Alexander, 134 East 28th street, New York, N. Y.
Treasurer—Henry E. Crocker, 156 5th avenue, New York, N. Y.
Chairman Finance Committee—Ben T. Welch, Hale building, Philadelphia, Pa.

AMERICAN TRACT SOCIETY.

President—William Phillips Hall.
General Secretary—Rev. Judson Swift, D. D.
Assistant Treasurer—Louis Tag.
Offices—150 Nassau street, New York, N. Y.

YOUNG PEOPLE'S CHRISTIAN UNION OF THE UNIVERSALIST CHURCH.

President—Harry Russel Childs, New York, N. Y.
Secretary—Robert U. Hill, 361 Boylston street, Boston, Mass.
Treasurer—Arthur J. Edwards, Minneapolis, Minn.

INTERNATIONAL ORDER OF THE KING'S DAUGHTERS AND SONS.

President—Miss Kate Bond, New York, N. Y.
First Vice-President—Miss G. H. Libby, New York, N. Y.
Second Vice-President—Mrs. I. C. Davis, New York, N. Y.
General Secretary-Treasurer and Editor—Mrs. Mary Lowe Dickinson, 156 5th avenue, New York, N. Y.
Corresponding Secretary—Miss Clara Morehouse, 156 5th avenue, New York, N. Y.
Recording Secretary—Mrs. A. H. Evans, 330 Lexington avenue, New York, N. Y.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

International Committee of Young Men's Christian Associations of North America—Lucien C. Warner, chairman; Alfred E. Marling, William D. Murray, vice-chairmen; Frederick B. Schenck, treasurer; Richard C. Morse, general secretary; Clarence J. Hicks, John R. Mott, associate general secretaries; general offices, 124 East 28th street, New York, N. Y. The annual report made in 1910 shows: Associations, 2,017; members, 496,591; value of buildings, $55,878,360; total net property in buildings, other real estate, equipment and endowment funds, $60,377,122; number of employed officers, 2,927; in educational classes, 52,277 students; 658 gymnasiums; 149,151 enrolled in gymnasium classes; 139 athletic fields; 234 railroad associations with 83,881 members; 758 student associations with 58,923 members; boy membership, 91,756.

FEDERAL COUNCIL OF THE CHURCHES OF CHRIST IN AMERICA.

Organized in December, 1908.

President—Bishop E. R. Hendrix, D. D., LL. D.
Corresponding Secretary—E. B. Sanford, D. D., 81 Bible House, New York, N. Y.
Recording Secretary—Rivington D. Lord, D. D.
Treasurer—Alfred R. Kimball.
Executive Committee—William H. Roberts, D. D., LL. D., chairman; Frank Mason, D. D., vice-chairman, and delegates from thirty-three denominations which are represented in the federal council through the official action of their highest national judicatories, assemblies and conferences.
National Office—81 and 82 Bible House, 4th avenue and 9th street, New York, N. Y.

CHRISTIAN SCIENCE CHURCH.

Founded by Mary Baker Glover Eddy in 1879.
Mother Church—The First Church of Christ, Scientist, Boston, Mass. President, William D. Baldwin, New York, N. Y.; clerk, John V. Dittemore, Boston, Mass.; treasurer, Stephen A. Chase, Fall River, Mass.

NATIONAL SPIRITUALISTS' ASSOCIATION.

Organized Sept. 28, 1893; incorporated Nov. 1, 1893, in Washington, D. C. The object is the organization of the various spiritualist societies of the United States into one general association for the purpose of mutual aid and co-operation in benevolent, charitable, educational, literary, musical, scientific, religious and missionary purposes and enterprises germane to the phenomena, science, philosophy and religion of spiritualism.

State associations, 22; active working local societies, 437; other local societies meeting at irregular intervals, 216; public meetings not organized as societies, 225; camp-meeting associations, 32; academy for liberal education, 1; churches and temples, 130; membership of avowed spiritualists, 75,000; unidentified with organized societies, but believers in the philosophy and phenomena, and frequent attendants upon public services, 1,500,000 to 2,000,000. Number of public mediums, 1,500; ordained ministers, 370; total valuation of church, temple and camp-meeting property, $2,000,000. Officers for the year 1909: Dr. George B. Warne, 4203 Evans avenue, Chicago, president; Hon. Charles R. Schirm, Baltimore, vice-president; George W. Kates, Washington, D. C., secretary; Cassius L. Stevens, Pittsburg, Pa., treasurer; Illtyd C. I. Evans, Washington, D. C.; J. S. Maxwell, Minneapolis, Minn.; Miss Elizabeth Harlow, Haydenville, Mass.; A. W. Belden, San Diego, Cal.; Thomas Grimshaw, St. Louis, Mo., trustees.

Headquarters of National Spiritualists' association, 600 Pennsylvania avenue, Washington, D. C.

UNITED SOCIETY OF CHRISTIAN ENDEAVOR.

President—Rev. Francis E. Clark, D. D., LL. D.
General Secretary—William Shaw, Tremont Temple, Boston, Mass.
Editorial Secretary—Prof. Amos R. Wells.
Treasurer—Hiram N. Lathrop.
Publication Manager—A. E. Watkins.
Manager Western Office—Walter R. Mee, 820, 153 LaSalle street, Chicago.

ILLINOIS CHRISTIAN ENDEAVOR UNION.

President—C. W. Dyer, Decatur.
Vice-Presidents—F. J. King, Chicago, and J. L. Davison, Benton.
Secretary—P. L. McPheeters, Champaign.
Treasurer—Rev. E. L. Reiner, Chicago.

WORLD'S CHRISTIAN ENDEAVOR UNION.

President—Rev. Francis E. Clark, D. D., LL. D., Boston, Mass.
Secretaries—President John Willis Baer, LL. D., Los Angeles, Cal.; Von Ogden Vogt, New York, N. Y.
Treasurer—William Shaw, Boston, Mass.

AMERICAN SUNDAY-SCHOOL UNION.

President—(Vacancy).
Secretary of Missions—Rev. G. P. Williams, D. D.
Corresponding Secretary—E. Augustus Miller.
Treasurer—John E. Stevenson, Philadelphia, Pa.
Recording Secretary—J. M. Armstrong of the home office, 1816 Chestnut street, Philadelphia, Pa.
Chicago Office—Rev. G. P. Williams, D. D., superintendent, 153 LaSalle street, room 1012.

THE SALVATION ARMY

Organized in London July, 1865.
Commander in Chief—Gen. William Booth.
General Headquarters—London, England.
American National Headquarters—120 West 14th street, New York, N. Y.
Western Territorial Headquarters—395-399 State street, Chicago, Ill.
Western Territorial Commissioner—Thomas Estill.
Posts in World—8,363.
Posts in Chicago—23.
Institutions in Chicago—21.

RELIGIOUS EDUCATION ASSOCIATION.

Organized Feb. 12, 1903.

President—Rt.-Rev. William Lawrence, D. D., LL. D., Boston, Mass.
First Vice-President—William H. Maxwell, superintendent of public instruction, New York, N. Y.
Chairman Executive Board—Abram W. Harris, LL. D., Evanston, Ill.
General Secretary—Henry Frederick Cope, Chicago, Ill.
Executive Offices—193 Michigan avenue, Chicago, Ill.

The purpose of the association is to promote the improvement and extension of moral and religious education through existing agencies in the churches, schools, etc., by serving as a center, a clearing house and a bureau of information and promotion. The association publishes a bimonthly magazine; maintains a permanent library and exhibit, superintends local guilds, holds general conventions and local conferences. It enrolls in its membership any persons interested in moral and religious education regardless of sectarian or theological lines.

THE VOLUNTEERS OF AMERICA.

Organized in March, 1896.
Commander—Gen. Ballington Booth.
Northwestern Headquarters—31, 184 Dearborn street, Chicago, Ill.
Northwestern Territorial Commander—Maj.-Gen. Edward Fielding.

RELIGIONS OF THE WORLD.

According to the revised (1898) edition of Mulhall's Dictionary of Statistics there are 476,100,000 Christians in the world. The same authority places the number of Roman catholics in Europe, America and Australia at 223,090,000; protestants, 157,050,000, and Greeks, 88,660,000. It has been estimated that there are in the world 256,000,000 followers of Confucius, 190,000,000 Hindoos, 176,800,000 Mohammedans, 148,000,000 Buddhists, 118,000,000 polytheists, 43,000,000 Taoists, 14,000,000 Shintoists and 12,000,000 Jews. Of the Christians more than 230,000,000 are catholics, 98,300,000 orthodox Greeks, 70,000,000 Lutherans, 21,000,000 episcopalians, 17,000,000 methodists, 11,000,000 baptists, 9,000,000 presbyterians and 4,500,000 congregationalists.

LABOR ORGANIZATIONS.

AMERICAN FEDERATION OF LABOR.

Headquarters, Washington, D. C.

President—Samuel Gompers.
Secretary—Frank Morrison.
Treasurer—John B. Lennon, Bloomington, Ill.
National and International unions, 120.
Departments, 4.
State branches, 39.
City centrals, 631.
Trade and federal labor unions, 656.
Total number of unions, 1,450.
First convention held Nov. 15-18, 1881.

AFFILIATED NATIONAL AND INTERNATIONAL ORGANIZATIONS, NAMES AND ADDRESSES OF SECRETARIES.

Actors' International Union——Lew Morton, 8 Union square, New York, N. Y.
Asbestos Workers of America, National Association of Heat, Frost and General Insulators—Thomas J. McNamara, 1801A Eliot avenue, St. Louis, Mo.
Bakery and Confectionery Workers' International Union of America—Otto E. Fischer, 221 Chicago avenue, Chicago, Ill.
Barbers' International Union, Journeymen—Jacob Fischer, 222 East Michigan street, Indianapolis, Ind.
Bill Posters and Billers of America, National Alliance—William McCarthy, room 317, Long Acre building, New York, N. Y.
Blacksmiths, International Brotherhood of—William F. Kramer, suite 570-585 Monon building, Chicago, Ill.
Boiler Makers and Iron Ship Builders of America, Brotherhood of—W. J. Gilthorpe, Law building, Kansas City, Kas.
Bookbinders, International Brotherhood of—James W. Daugherty, 132 Nassau street, New York, N. Y.
Boot and Shoe Workers' Union—C. L. Baine, 246 Sumner street, Boston, Mass.
Brewery Workmen, International Union of the United—Louis Kemper, Vine and Calhoun streets, Cincinnati, O.
Brick, Tile and Terra Cotta Workers' Alliance, International—William Van Bodegraven, 409, 56 5th avenue, Chicago, Ill.
Bridge and Structural Iron Workers, International Association of—J. J. McNamara, American Central Life building, Indianapolis, Ind.
Broom and Whisk Makers' Union, International—C. T. Dolan, 814-822 West Harrison street, Chicago, Ill.
Brushmakers' International Union—George J. Vitzthun, 2052 Gates avenue, Brooklyn, N. Y.
Carpenters and Joiners of America, United Brotherhood of—Frank Duffy, Carpenters' building, Indianapolis, Ind.
Carpenters and Joiners, Amalgamated Society of—Thomas Atkinson, 76 Bible house, New York, N. Y.
Carriage and Wagon Workers, International—William P. Mavell, 403 South Division street, Buffalo, N. Y.
Carvers' Association of North America, International Wood—Thomas J. Lodge, 10 Carlisle street, Roxbury, Mass.
Car Workers, International Association of—G. W. Gibson, 1205-06 Star building, 356 Dearborn street, Chicago, Ill.
Cement Workers, American Brotherhood of—Henry Ullner, 214 Mechanics' Bank building, San Francisco, Cal.
Chainmakers' National Union of the United States of America—C. R. Stanton, box 13, Maxwell, Ind.
Cigarmakers' International Union of America—George W. Perkins,* 820 Monon block, 320 Dearborn street, Chicago, Ill.
Clerks' International Protective Association, Retail—H. J. Conway, 315 Appel building, Denver, Col.
Cloth Hat and Cap Makers of North America, United—Max Zuckerman, 62 East 4th street, New York, N. Y.
Commercial Telegraphers' Union of America, The—Wesley Russell, 922-930 Monon building, Chicago, Ill.
Compressed Air and Foundation Workers' Union of the United States and Canada—William McQuade, 414 East 120th street, New York, N. Y.
Coopers' International Union of North America—William R. Deal, Board of Trade building, Kansas City, Kas.
Curtain Operatives of America, Amalgamated Lace—George J. Raiser, 3021 North 5th street, Philadelphia, Pa.
Cutting Die and Cutter Makers, International Union of—Harry Raiser, 616 6th avenue, New York, N. Y.
Electrical Workers of America, International Brotherhood of—Peter W. Collins, Pierick building, Springfield, Ill.
Elevator Constructors, International Union of—William Young, 1952 North 19th street, Philadelphia, Pa.
Engineers, International Union of Steam—R. M. McKee, 606 Main street, Peoria, Ill.
Engravers, International Association of Watch Case—Otto F. Altenburg, box 263, Canton, O.
Firemen, International Brotherhood of Stationary—C. L. Shamp, rooms 2-4, 2502 North 18th street, Omaha, Neb.
Fitters and Helpers of America, International Association of Steam and Hot Water—W. H. Davies, 351 West 63d street, Chicago, Ill.
Flour and Cereal Mill Employes, International Union of—A. E. Kellington, 316 Corn Exchange, Minneapolis, Minn.
Foundry Employes, International Brotherhood of—George Bechtold, 200 South Broadway, St. Louis, Mo.
Freight Handlers and Warehousemen's Union of America, Interior—J. J. Flynn, 814-822 West Harrison street, Chicago, Ill.
Fur Workers of the United States and Canada, International Association of—A. V. McCormack, 66 Sussex avenue, Toronto, Ont.
Garment Workers of America, United—B. A. Larger, 116-117 Bible House, New York, N. Y.
Garment Workers' Union, International Ladies'—John Alex Dyche, 25-27 3d avenue, New York, N. Y.
Glass Bottle Blowers' Association of the United States and Canada—William Launer, 930-931 Witherspoon building, Juniper and Walnut streets, Philadelphia, Pa.
Glass Workers' International Association, Amalgamated—William Figolah, 418 North Clark street, Chicago, Ill.
Glove Workers' Union of America, International—Agnes Nestor, 506 Bush Temple of Music, Chicago, Ill.
Granite Cutters' International Association of America—James Duncan, Hancock building, Quincy, Mass.
Grinders and Finishers' National Union, Pocket Knife Blade—F. A. Didsbury, 508 Brook street, Bridgeport, Conn.
Grinders' National Union, Table Knife—John F. Gleason, 76 Chestnut street, Bristol, Conn.
Hatters of North America, United—Martin Lawlor, 11 Waverly place, New York, N. Y.
Hod Carriers and Building Laborers' Union of America, International—A. Persion, box 597, Albany, N. Y.
Horseshoers of United States and Canada, International Union of Journeymen—Herbert S. Marshall, 29 East 12th street, Cincinnati, O.
Hotel and Restaurant Employes' International Alliance and Bartenders' International League of America—Jere L. Sullivan, Commercial Tribune building, Cincinnati, O.
Iron, Steel and Tin Workers, Amalgamated Association of—John Williams, House building, Smithfield and Water streets, Pittsburg, Pa.
Jewelry Workers' Union of America, International—George Bessinger, 50 Sterling street, Newark, N. J.
Lathers, International Union of Wood, Wire and Metal—Ralph V. Brant, 401 Superior building, Cleveland, O.
Laundry Workers' International Union—Charles F. Bailey, 602 2d avenue, Troy, N. Y.
Leather Workers on Horse Goods, United Brother-

hood of—J. J. Pfeiffer, 209-210 Postal building, Kansas City, Mo.

Leather Workers' Union of America, Amalgamated—John Roach, 326 Bank street, Newark, N. J.

Lithographers, International Protective and Beneficial Association of the United States and Canada—John Treanor, 419 Pacific street, Brooklyn, N. Y.

Lithographic Press Feeders of United States and Canada, International Protective Association of—Harry C. Kranz, 43 Center street, New York, N. Y.

Longshoremen's Association, International—John J. Joyce, 1003-1004 Mutual Life building, Buffalo, N. Y.

Machine Printers and Color Mixers of the United States, National Association of—Charles McCrary, 429 42d street, Brooklyn, N. Y.

Machinists, International Association of—George Preston, 908-14 G street, N. W., McGill building, Washington, D. C.

Maintenance of Way Employes, International Brotherhood of—S. J. Pegg, 3900 Olive street, St. Louis, Mo.

Marble Workers, International Association of—Stephen C. Hogan, 715 Eagle avenue, New York, N. Y.

Meat Cutters and Butcher Workmen of North America, Amalgamated—Homer D. Call, 801 Cortland avenue, Syracuse, N. Y.

Metal Polishers, Buffers, Platers and Brass Workers' Union of North America—Charles R. Atherton, Neave building, Cincinnati, O.

Metal Workers' International Alliance, Amalgamated Sheet—John E. Bray, 325 Nelson building, Kansas City, Mo.

Mine Workers of America, United—Edwin Perry, State Life building, Indianapolis, Ind.

Molders' Union of North America, Iron—Victor Kleiber, 530 Walnut street, Cincinnati, O.

Musicians, American Federation of—Owen Miller, 3535 Pine street, St. Louis, Mo.

Painters, Decorators and Paperhangers of America, Brotherhood of—J. C. Skemp, drawer 99, Lafayette, Ind.

Paper Makers of America, United Brotherhood of—J. T. Carey, 22 Smith building, Watertown, N. Y.

Pattern Makers' League of North America—James Wilson, 1008-1009 Second National Bank building, Cincinnati, O.

Pavers and Rammermen, International Union of—Edward I. Hannah, 249 East 57th street, New York, N. Y.

Paving Cutters' Union of the United States of America and Canada—John Sheret, lock box 116, Albion, N. Y.

Photoengravers' Union of North America, International—Louis A. Schwarz, 228 Apsley street, Philadelphia, Pa.

Piano and Organ Workers' Union of America, International—Charles Dold,* 1037 Greenwood terrace, Chicago, Ill.

Plasterers' International Association of the United States and Canada, Operative—Joseph McIlveen, 2909 Wylie avenue, Pittsburg, Pa.

Plate Printers' Union of North America, International Steel and Copper—T. L. Mahan, 319 S street, N. E., Washington, D. C.

Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of United States and Canada, United Association of—Thomas E. Burke, 401-406 Bush Temple of Music, Chicago, Ill.

Postoffice Clerks' National Federation—George F. Pfeiffer, 377 Albion street, Milwaukee, Wis.

Potters, National Brotherhood of Operative—Edward Menge, box 6, East Liverpool, O.

Powder and High Explosive Workers of America, United—Charles L. Thomas, Olyphant, Pa.

Print Cutters' Association of America, National—Thomas I. G. Eastwood, 434 West 164th street, New York, N. Y.

Printing Pressmen's Union, International—Charles B. Crowley, Second National Bank building, Cincinnati, O.

Pulp, Sulphite and Paper Mill Workers of the United States and Canada, International Brotherhood of—John H. Malin, P. O. Drawer K, Fort Edward, N. Y.

Quarry Workers' International Union of North America—Mrs. Annie Cayhue, Scampini building, Barre, Vt.

Railroad Telegraphers, Order of—L. W. Quick, Star building, St. Louis, Mo.

Railway Carmen of America, Brotherhood—E. William Weeks, 507 Hall building, Kansas City, Mo.

Railway Clerks, Brotherhood of—R. E. Fisher, 307-310 Kansas City Life building, Kansas City, Mo.

Railway Employes of America, Amalgamated Association of Street and Electric—W. D. Mahon,* 45 Hodges block, Detroit, Mich.

Roofers, Composition, Damp and Waterproof Workers of the United States and Canada, International Brotherhood—D. J. Ganley, 14 North Oxford street, Brooklyn, N. Y.

Sawsmiths' National Union—F. E. Kingsley, room 64, Baldwin building, Indianapolis, Ind.

Seamen's Union, International, of America—William H. Frazier, 1½A Lewis street, Boston, Mass.

Shingle Weavers' Union of America, International—W. E. Willis, 66 Maynard building, Seattle, Wash.

Shipwrights' Joiners and Calkers of America, National Union of—Thomas Durett, 108 Marshall street, Elizabeth, N. J.

Slate and Tile Roofers' Union of America, International—Joseph M. Gaviak, 3643 West 47th street, Cleveland, O.

Slate Workers, International Union of—Thomas H. Palmer, Pen Argyle, Pa.

Spinners' International Union—Samuel Ross, box 367, New Bedford, Mass.

Stage Employes' International Alliance, Theatrical—Lee M. Hart, care of State hotel, State and Harrison streets, Chicago, Ill.

Steel Plate Transferers' Association of America—Dennis H. Sherman, 1301 Madison street, N. W., Washington, D. C.

Stereotypers and Electrotypers' Union of America—George W. Williams, 27 Globe building, Boston, Mass.

Stonecutters' Association of North America, Journeymen—James F. McHugh, 520 6th street, N. W., Washington, D. C.

Stove Mounters' International Union—J. H. Kaefer, 166 Concord avenue, Detroit, Mich.

Switchmen's Union of North America—M. R. Welch, 326 Brisbane building, Buffalo, N. Y.

Tailors' Union of America, Journeymen—E. J. Brais, Bloomington, Ill.

Teamsters, International Brotherhood of—Thomas L. Hughes, 222 East Michigan street, Indianapolis, Ind.

Textile Workers of America, United—Albert Hibbert, box 742, Fall River, Mass.

Tile Layers and Helpers' Union, International Ceramic, Mosaic and Encaustic—James P. Reynolds, Harmony, Pa.

Tin Plate Workers' Protective Association of America, International—C. E. Lawyer, 18-20 Reilly block, Wheeling, W. Va.

Tip Printers, International Brotherhood of—T. J. Carolan, 252 Market street, Newark, N. J.

Tobacco Workers' International Union—E. Lewis Evans, 50-53 American National Bank building, 36th and Main streets, Louisville, Ky.

Travelers' Goods and Leather Novelty Workers' International Union of America—Murt Malone, 191 Boyd street, Oshkosh, Wis.

Tunnel and Subway Constructors' International Union—Michael Carraher, 150 East 125th street, New York, N. Y.

Typographical Union, International, J. W. Hays, Newton Claypool building, Indianapolis, Ind.

Upholsterers' International Union of North America—James H. Hatch, 159 East 57th street, New York, N. Y.

Weavers' Amalgamated Association, Elastic Goring—Alfred Haughton, 50 Cherry street, Brockton, Mass.

Weavers' Protective Association, American Wire—E. E. Desmond, 184 St. Nicholas avenue, Brooklyn, N. Y.

Woodsmen and Sawmill Workers, International Brotherhood of—A. Livingston,* Lothrop, Mont.

Wood Workers' International Union of America, Amalgamated—John G. Meiler, 3538 North Albany avenue, Chicago, Ill.

*President.

DEPARTMENTS.

Building Trades Department, American Federation of Labor—William J. Spencer, rooms 412-14 Ouray building, Washington, D. C.

Metal Trades Department, American Federation of Labor—A. J. Berres, room 513 Ouray building, Washington, D. C.

Railroad Employes' Department, American Federation of Labor—P. F. Richardson, rooms 1205-6 Star building, 356 Dearborn street, Chicago, Ill.

Union Label Trades Department, American Federation of Labor—Thomas F. Tracy, 708 Ouray building, Washington, D. C.

SECRETARIES OF STATE BRANCHES.

Alabama—Lewis Bowen, box 180, Birmingham.
Arkansas—L. H. Moore, P. O. box 443, Little Rock.
California—Paul Scharrenberg, 316 14th street, San Francisco.
Colorado—W. T. Hickey, 430 Charles building, Denver.
Connecticut—P. H. Connolley, 194 Main street, Danbury.
Florida—J. A. Roberts, 3519 9th avenue, Tampa.
Georgia—Robert Fechner, box 288, Savannah.
Illinois—J. F. Morris, Pierik building, Springfield.
Indiana—Clarence Gaumer, room 433 Lemcke building, Indianapolis.
Kansas—George B. Edgell, 315 Delaware street, Leavenworth.
Kentucky—Max Traut, 218 Louisville Trust building, Louisville.
Maine—John F. Connelly, 11 Central street, Bangor.
Maryland—G. M. Henderson, 102 East Lexington street, Baltimore.
Massachusetts—D. D. Driscoll, box C, station A, Boston.
Michigan—Sam T. Penna, 551 Trumbull avenue, Detroit.
Minnesota—W. E. McEwen, state capitol, St. Paul.
Missouri—John T. Smith, 1112 Locust street, Kansas City.
Montana—O. M. Partelow, box 31, Butte.
Nebraska—Frank Hart, 824 North 12th street, South Omaha.
New Hampshire—J. J. Coyne, 202 Greene street, Manchester.
New Jersey—Henry F. Hilfers, 68 South Orange avenue, Newark.
New York—Edward A. Bates, 256 South street, Utica.
North Carolina—S. Waldrop, 41 Woodfin street, Asheville.
Ohio—J. B. Connolly, room 11, Temple Bar building, Cincinnati.
Oklahoma—J. Luther Langston, box 1006, Oklahoma City (president).
Oregon—J. F. Cassidy, 270½ Alder street, Portland.
Pennsylvania—C. F. Quinn, 23 East Green street, Nanticoke.
Porto Rico—Free Federation of Workingmen—Raphael Alonso, box 807, San Juan.
Rhode Island—L. E. Hersey, 96 Mathewson street, Providence.
South Carolina—T. S. Kinkade, 1217 Blanding street, Columbia.
Tennessee—John O'Brien, 113 B street, Chattanooga.
Texas—John R. Spencer, 1600 Peach street, Waco.
Utah—Theodore Gierse, 246 22d street, Ogden.
Vermont—Alexander Ironside, 22 Ayers street, Barre.
Virginia—M. R. Pace, 516 South Laurel street, Richmond.
Washington—Charles Perry Taylor, box 1825, Tacoma.
West Virginia—Frank W. Snyder, box 230, Charleston.
Wisconsin—Fred Brockhausen, 553 Orchard street, Milwaukee.
Wyoming—C. R. McKinstry, box 892, Cheyenne.

OTHER ORGANIZATIONS.

Bricklayers and Stone Masons' International Union—William Dobson, Odd Fellows' building, Indianapolis, Ind.
Building Trades Alliance, Structural—W. J. Spencer, box 7, Dayton, O.
Building Trades Council, International—H. W. Steinbiss, 207 DeSoto building, St. Louis, Mo.
Conductors, Order of Railway—W. J. Maxwell, Cedar Rapids, Iowa.
Engineers, Brotherhood of Locomotive—Warren S. Stone,* Society for Savings building, Cleveland, O.
Firemen, Brotherhood of Locomotive—A. W. Hawley, Peoria, Ill.
Knights of Labor (organized 1878)—J. Frank O'Meara, Bliss building, Washington, D. C.
Miners, Western Federation of—Ernest Mills, 605 Railroad building, Denver, Col.
Railroad Freight and Baggage Men, International Brotherhood—Robert P. Neil, 44 Broad street, Boston, Mass.
Steam Shovel and Dredge Men, International Brotherhood of—T. J. Dolan, Jr., 510, 134 Monroe street, Chicago, Ill.
Stone Masons' International Union—John Reichwein, 536 Concord street, Indianapolis, Ind.
Trainmen, Brotherhood of Railroad—A. E. King, American Trust building, Cleveland, O.
Women's International Union Label League—Mrs. Anna B. Field, Elwood, Ind.
Women's Trade Union League, National—Mrs. D. W. Knefler, St. Louis, Mo.
*President.

CHICAGO FEDERATION OF LABOR.

President—John J. Fitzpatrick.
Vice-President—A. McCracken.
Secretary—E. N. Nockels, 502, 275 LaSalle street.
Financial Secretary—Fred G. Hopp.
Treasurer—Thomas F. Kennedy.
Headquarters—275 LaSalle street.

Amalgamated Association Street Railway Employes No. 241—C. W. Mills, room 55, 70 LaSalle street.
Amalgamated Association Street Railway Employes No. 260—J. T. Mahoney, 6259 Halsted street.
Amalgamated Association Street Railway Employes No. 273—William Rock, 8664 Vincennes road.
Amalgamated Association Street Railway Employes No. 308—R. E. Casey, 67 South Clark street, room 301.
Asphalt Pavers and Helpers No. 25—C. L. Bryant, 2506 Wabash avenue.
Actors' International Union No. 4—John Budzileni, 164 East Randolph street, room 7.
Bakery and Confectioners No. 2—L. Lehman, 538 Wells street.
Bakery and Confectioners No. 62—Gus Lidsell, 1082 North Paulina street.
Bakers' Union No. 237—Sam Beaber, 1416 Johnson street.
Barbers (journeymen) No. 548—P. A. Holzer, 275 LaSalle street, room 409.
Bartenders No. 401—E. G. Reynolds, 3464 Lincoln avenue.
Bartenders No. 456—George J. Schober, 10 South Clark street.
Bartenders' Union No. 507—William A. Weber, 3112 North Rockwell street.
Bartenders' Union No. 649—John J. Flynn, 2530 Flournoy street.
Beer Bottlers No. 248—William Vorsatz, 630 West Lake street.
Bill Posters and Billers—Frank Warren, 275 LaSalle street, room 403.
Blacksmiths and Helpers No. 14—R. E. Sweeney, 4400 Princeton avenue.
Blacksmiths and Helpers No. 80—John Bradley, 1539 Lexington street.
Blacksmiths and Helpers No. 122—P. W. Moeller, 4452 Princeton avenue.
Blacksmiths and Helpers No. 325—M. D. Murphy, 1223 Arthington place.
Blacksmiths and Helpers No. 326—Edward King, 9321 Burnside avenue.
Boot and Shoe Workers No. 93—W. Eichelberger, 275 LaSalle street, room 506.
Boot and Shoe Workers No. 94—Mollie Guinan, 1437 West Chicago avenue.
Boot and Shoe Workers No. 133—John Roach, 275 LaSalle street, room 506.
Bookbinders No. 8—Otto F. Wasem, 275 LaSalle street, room 520.

Bottlers' Protective Union No. 8434—John Atkinson, 4423 Evans avenue.
Brewers and Maltsters No. 18—Charles Gaude, 630 West Lake street.
Brewers and Maltsters No. 121—Frank Z. Lelivelt, 630 West Lake street.
Brewers' Laborers No. 337—William Goschke, 1922 George street.
Brickmakers No. 2—Martin F. Bultzer, Lansing, Ill.
Brickmakers No. 3—Martin Hannauer, 615 Greenwood avenue, Blue Island, Ill.
Brickmakers No. 5—A. C. Kasten, 115 West 138th street, Riverdale, Ill.
Brickmakers No. 14—Bert Bester, Shermerville, Ill.
Brickmakers No. 49—W. Johnston, 2012 Phillips avenue, Rogers Park, Ill.
Brickmakers No. 203—Carl Benner, Chicago Heights, Ill.
Broom and Whisk Makers No. 29—Thomas N. W. Norton, 1243 Oregon avenue.
Brushmakers No. 1—R. M. Parks, 5054 Frink street.
Butcher Workmen, Casing Workers, No. 158—C. F. Smith, 3071 Bread street.
Butcher Workmen, Cattle, No. 87—William Kaltwasser, 4205 Union avenue.
Calumet Joint Labor Council—Carl F. Ernst, 30 East 112th street
Carpenters and Joiners No. 1—John H. Robinson, room 507, 56 5th avenue.
Carpenters and Joiners No. 10—D. J. Ryan, 4222 Prairie avenue.
Carpenters and Joiners No. 13—P. F. Hayes, 323 South Marshfield avenue.
Carpenters and Joiners No. 21—Joseph Julien, 1631 Hastings street.
Carpenters and Joiners No. 58—Henry Keuth, 1521 Addison street.
Carpenters and Joiners No. 62—W. Shogren, 956 North Waller street.
Carpenters and Joiners No. 70—Willfred Huden, 2835 38th place.
Carpenters and Joiners No. 141—Phil Howley, 1444 Hyde Park boulevard.
Carpenters and Joiners No. 181—K. G. Torkelson, 2423 North Lawndale avenue.
Carpenters and Joiners No. 242—Henry Giffy, 5421 Shields avenue.
Carpenters and Joiners No. 272—Sam Dunlap, 79 14th street, Chicago Heights, Ill.
Carpenters and Joiners No. 419—William Bruening, 1422 South Avers avenue.
Carpenters and Joiners No. 504—Morris Perlman, 920 Lowell place.
Carpenters and Joiners No. 521—P. G. Beckmann, 6233 Calumet avenue.
Carpenters and Joiners No. 643—Harry Phillips, 36 Winthrop court.
Carpenters and Joiners No. 1307—Otto Horn, 2308 Lunt avenue.
Carpenters and Joiners No. 1693—John Jones, 1932 North Central Park avenue.
Carpenters and Joiners No. 1784—Gus Stange, 2630 West 15th place.
Carpenters and Joiners No. 1786—Alois Hruska, 2428 South Homan avenue.
Carpenters and Joiners No. 1922—Paul J. Berndgen, 6224 Bishop street.
Carpenters and Joiners (Amalgamated)—A. Cameron, 2851 Lexington street.
Carriage and Wagon Workers No. 4—William McPherson.
Car Workers No. 11—Jacob Gran, 217 West 68th street.
Caulkers' Union No. 1—P. D. Casey, 7145 Greenwood avenue.
Cement Finishers No. 2—Elgrin C. Hawkins, 1640 North Harding avenue.
Cement and Construction No. 4—William Carroll, 525 South Green street, room 211.
Cement Workers' Union No. 29—W. Anderson, 142 14th avenue, Maywood, Ill.
Cement Workers No. 30—Charles Plantry, 1060 West Polk street.
Chicago Trades Union Label League—Philip Jorneaux, 5634 Laflin street.
Cigar Makers No. 14—N. F. Lentz, 192 East Madison street
Cigar Makers No. 15—August Geissler, southeast corner Market and Randolph streets, second floor.
Cigar Packers No. 227—Nic Medinger, 2931 North Halsted street.
Clerks (retail)—William Coyle, 3341 West Adams street.
Cloak Makers' Union No. 44—Samuel Elstein, 1125 Blue Island avenue.
Cloth Hat and Cap Makers—S. Levinson, 1071 Wood street
Cooks' Union No. 865—C. H. Corrigan, 188 South Clark street, third floor.
Cooks' Union (Marine)—S. R. Little, 242 South Water street, room 4.
Coopers' Union No. 1—P. Jorneaux, 5634 Laflin street.
Coopers' Union No. 15—J. Ahern, 3231 Butler street.
Coopers' Union No. 94—Adolph Wiedmann, 1631 West 18th place.
Coopers' Union (Tank) No. 193—Louis Karrsnick, 2108 West 22d place.
Egg Inspectors—P. F. Donlan, 146 South Water street.
Electrical Workers No. 9—A. M. Parish, 2134 West Adams street.
Electrical Workers No. 49—Harry J. Peck, 918 North 40th court.
Electrical Workers No. 134—260 South Clark street.
Electrical Workers No. 282—William J. O'Leary, 5321 South Wood street.
Electrical Workers No. 376—John F. Nichols, 409 South Halsted street.
Elevator Conductors and Starters—Louis F. Levinson, 3036 Seminary avenue.
Elevator Constructors' Union No. 2—Charles Griswold, 136 South Whipple street.
Embroiderers' Union (United)—J. Fischbacker, 2007 Emerson avenue.
Federal Labor Union of Burnside No. 10829—J. L. Kieffer, 9370 Burnside avenue.
Firemen's Association (City)—Room 514, 275 LaSalle street.
Firemen (Marine), Oilers and Watertenders' Association—316 West Kinzie street.
Firemen (Stationary)—William Fisher, 275 LaSalle street.
Franklin Union No. 4—J. M. Shea, 774 West Van Buren street.
Freight Handlers No. 1—B. J. Waters, 824 West Harrison street.
Freight Handlers No. 2—John Costello, 824 West Harrison street.
Freight Handlers No. 3—George H. Kroger, 824 West Harrison street.
Freight Handlers No. 4—William Fitzpatrick, 114 Indiana street.
Freight Handlers No. 8—Dan Ryan, 2159 North 42d avenue.
Freight Handlers and Railway Clerks No. 9—Michael O'Malley, 52 North Campbell avenue.
Freight Handlers and Railway Clerks No. 74—Charles Kavanaugh.
Freight Handlers and Railway Clerks No. 75—J. Cavanaugh, 1745 North 42d avenue.
Freight Handlers and Railway Clerks No. 100—Frank E. La Point, 2339 Grenshaw street.
Gardeners and Florists No. 10615—Terrence Rodgers, 958 West Harrison street.
Garment Workers (Custom C.) No. 21—George H. Alexander, 134 East Van Buren street, room 202.
Garment Workers No. 23—Benjamin G. Ruttingh, 3559 Reta street.
Garment Workers (Clothing C.) No. 61—275 LaSalle street.
Garment Workers (Exam. and B.) No. 194—John Luepke, 195 LaSalle street.
Garment Workers No. 235, S. O. C. M.—J. R. Larson, 1822 North 43d avenue.
Garment Workers No. 236, S. O. C. M.—E. Johnson, 2616 Orchard street.
Gas and Electric Fixture Hangers No. 381—10 South Clark street.
Gas Fitters No. 250—Frank Culleeney, 1655 South Ridgeway avenue.
Glass Workers (Amalgamated) No. 4—P. J. Haunschilde, 1419 Mohawk street.
Glove Workers No. 4—L. Leonard, 2863 Shakespeare avenue.
Glove Workers No. 18—Mayme Butler, 1202 Webster avenue.
Hair Spinners No. 10399—John Hannemann, 3801 Winchester avenue.

Hat Finishers' Association No. 9—James Loughridge, 2827 West Fullerton avenue.
Hod Carriers and Building Laborers No. 4—Patrick A. Rowland, 1704 North Halsted street.
Hoisting (Portable) Engineers—W. M. Hurin, 2832 North Francisco avenue.
Horse Nail Makers No. 7180—Kitty Murphy, 662 West 20th street.
Horseshoers No. 4—Harry Baude, 626 West 69th street.
Iron Molders No. 233—M. T. Mulchay, 201 South Halsted street.
Iron Molders (Bench) No. 239—John Wozniewski, 1627 North Marshfield avenue.
Iron Workers (Bridge and Structural) No. 1—202 East Washington street.
Janitors (Flat) No. 12361—F. McWalters, 3419 Jackson boulevard.
Ladies' Garment Workers No. 71—Morris Seskind, 1649 Washburne avenue.
Ladies' Straw and Felt Hat Workers' Union No. 12675—Marion McShea, 3039 Loomis street.
Leather Workers (on Travelers' Goods and Novelties) No. 12—Edward E. Shilling, 524 South Halsted street.
Leather Workers No. 17—Sam Polinsky, 524 South Halsted street.
Lithograph Apprentices and Press Feeders No. 2—William Buettner, 143 West 45th street.
Lithographers' Union No. 4—Edward H. Bock, 2956 North California avenue.
Machinists, Grand Crossing Lodge No. 265—George J. Burger, 7412 Champlain avenue.
Machinists, Freiheit No. 337—Henry Dose, 1061 Cornelia avenue.
Mailers' Union No. 2—James P. McNichols, 423 Webster avenue.
Marble Workers' Union No. 21—G. B. Gilbert, 4734 State street.
Marble Workers' Union No. 67—John T. Dvorak, 5235 Ontario street, Austin, Ill.
Meat, Food and Sanitary Inspectors No. 12912—John W. McLaughlin, 810 Dearborn avenue.
Metal Polishers No. 6—814 West Harrison street, room 206.
Moving Picture Machine Operators No. 145—59 Dearborn street, room 212.
Musicians' Union No. 10—George H. Riley, 166 East Washington street.
Necktie Workers' Union—Nettie Richardson, 1411 South Morgan street.
Newsboys' Protective Union No. 12935—J. P. Calibrase, 912 South Clinton street.
Office Building Employes No. 12865—George Weaver, 164 Indiana street.
Painters and Decorators No. 54—W. H. Jordan, 2755 Prairie avenue, Evanston, Ill.
Painters and Decorators No. 180—H. A. Sommers, 7556 Brown avenue, Oak Park, Ill.
Painters and Decorators No. 194—A. C. Anderson, 1759 West Huron street.
Painters and Decorators No. 396—H. E. Polston, 2740 Wentworth avenue.
Painters and Decorators No. 455—J. Mosskopff, 1176 Milwaukee avenue.
Painters and Decorators No. 637—August Olson, 3216 Osgood street.
Paper Hangers No. 584—C. R. Stickler, 4618 Langley avenue.
Pattern Makers—J. S. Forrest, 673 to 679 West Madison street, room 203.
Photo Engravers No. 5—W. L. Elliott, rooms 510-511, 275 LaSalle street.
Piano Workers No. 1—Theodore Schlicht, 1620 North Irving avenue.
Plumbers' Association—John Bushnell, 171 Washington street.
Postoffice Clerks No. 1—F. Kerbs, 2225 West 50th place.
Pressmen No. 3—John J. Collins, 263 LaSalle street, room 332.
Pressmen (Web) No. 7—James Harrington, 2455 Grenshaw street.
Printers' Roller Makers No. 10638—James Burke, 1221 42d court.
Sail and Tent Makers' Union No. 12757—J. Barrau, 3445 North Oakley avenue.
Seamen's Union—Victor Olander, 647 West Madison street.
Sewer Cleaners and Repairers—J. J. Touhy, 153 South Desplaines street.
Sheet Metal Workers No. 73—202 East Washington street.
Sheet Metal Workers No. 115—August Fick, 1831 Hudson avenue.
Sprinkler Fitters No. 281—F. R. Jardine, 3109 Flournoy street.
South Chicago Trades and Labor Assembly—A. W. Smith, 2913 East 97th street.
Steam Engineers No. 143—James J. Spain, 1817 South Spaulding avenue.
Steam Engineers No. 85—Philip Walsh, 11563 Perry avenue.
Steam Engineers No. 395—William Leslie, 521 Wells street.
Steam Engineers No. 398—Emil Radtke, 1907 Sheffield avenue.
Steam Engineers No. 400—H. A. Bartalott, 8540 Peoria street.
Steam Engineers No. 401—Charles Gralfs, 2159 West 12th street.
Steam Engineers No. 402—Henry C. Freundel, 3041 Clybourn avenue.
Steam Fitters' Protective Association No. 2—275 LaSalle street, room 202.
Steam Pipe and Boiler Coverers—George Schreirer, 647 West 48th place.
Steam Shovel and Dredge Men—T. J. Dolan, Jr., 134 Monroe street.
Stereotypers No. 4—C. F. Conklin, 552 East 36th street.
Stenographers and Typists No. 12755—Miss Mabel E. Dobson, 92 LaSalle street, room 39.
Sub Paving Inspectors—J. Finnegan, 510 North Ridgeway avenue.
Suspender Workers—Mae Nihil, 649 Sherman place.
Switchmen's Union No. 36—W. H. Langan, 1067 East 56th street.
Switchmen's Union No. 58—W. J. Sweeney, 1141 Richmond street.
Switchmen's Union No. 68—F. E. Pratt, 6920 South Laflin street.
Switchmen's Union No. 79—J. H. Landers, 708 West 50th street.
Switchmen's Union No. 117—Edward C. Spear, 2518 Augusta street.
Switchmen's Union No. 199—J. W. Heman, 1719 South Morgan street.
Tailors No. 5—Gus Soderberg, 10 South Clark street.
Teachers' Federation—79 Dearborn street, Unity building.
Teamsters (Commission) No. 763—F. H. Ray, 14 South State street.
Teamsters, Truck Drivers No. 705—Harry Hanson, 39 Market street.
Teamsters (Packing House) No. 710—George Golden, 4201 South Halsted street.
Teamsters (Laundry) No. 712—Joseph Kemmerling, 3240 Wentworth avenue.
Teamsters (Stone, Lime and Cement) No. 718—Arthur Hughes, 275 LaSalle street, room 206.
Teamsters (Livery) No. 720—John Butler.
Teamsters (Furniture and Department Store) No. 722—A. J. Reed, 75 Randolph street.
Teamsters (Soda and Mineral Water) No. 723—Jerry Donovan, 10 South Clark street.
Teamsters (Auto Livery Chauffeurs) No. 727—G. M. Scott, 275 LaSalle street, room 206.
Teamsters (Park B. and D.) No. 753—George Mitchell, 3147 Wentworth avenue.
Teamsters (Bakery) No. 734—Louis Larson, 275 LaSalle street, room 206.
Teamsters (Grease and Tallow) No. 735—John Keating, 2250 Taylor street.
Teamsters' Union No. 739—Mat Cox, 3538 5th avenue.
Teamsters (Milk D.) No. 753—275 LaSalle street, room 206.
Telegraphers (Commercial) No. 1—Wesley Russell, 324 Dearborn street, room 930.
Telegraphers (Railroad) Div. No. 91—W. F. McDonald, 263 LaSalle street, room 550.
Theatrical Employes—Lee M. Hart, 353 South State street.
Tuck Pointers and Front Cleaners—Charles G. Rochs, 3028 South 42d avenue.
Tugmen's Protective Association (Licensed) No. 2—Joe Landon, 278 East North avenue.

Tug Firemen-Linemen Protective Association No. 1—Ed McCormick, 5615 Carpenter street.

Typographical Union No. 9—C. F. Moser, 4233 North Avers avenue.

Typographical Union No. 16—William J. Boener, 280 LaSalle street, second floor.

Upholsterers No. 24—H. B. Seltman, 2619 West Rice street.

Upholsterers' Union No. 111—Max Wolff, 1049 North Lincoln street,

Upholsterers (Carriage and Automobile) No. 131—G. Derr Koontz, 2011 Indiana avenue.

Waiters No. 336—James Grey, 188 South Clark street, third floor.

Waiters' Union No. 404—William Schultz, 337 South Halsted street.

Waitresses' Union No. 484—Elizabeth Maloney, 167 Dearborn street, room 41.

Wall Paper Machine Printers and Color Makers—C. McBride.

Watch Case Engravers—George Beck, 1225 Pennsylvania avenue.

Watch Case Makers No. 12786—Gus Carlson, 1439 North Irving avenue.

Well Drillers and Levermen's Union—F. Rudolph, 6603 South May street.

Women's Union Label League—Mrs. J. F. O'Neil, 2230 North 43d avenue.

Women's Trade Union League—Emma Steghagen, 275 LaSalle street, room 503.

Wood Workers No. 7—Thomas Cooney, 730 North Campbell avenue.

Wood, Wire and Metal Lathers No. 74—C. F. Wilson, 2239 Austin avenue.

LEARNED SOCIETIES OF AMERICA.

American Academy of Medicine—President, Charles Stuart Sheldon, Madison, Wis.; secretary, Charles McIntire, 52 North 4th street, Easton, Pa.

American Academy of Political and Social Science—President, L. S. Rowe, University of Pennsylvania; secretary, Carl Kelsey, University of Pennsylvania, Philadelphia, Pa.

American Asiatic Association—President, Seth Low; secretary, John Foord, P. O. box 1500, New York, N. Y.

American Association for the Advancement of Science—Permanent secretary, L. O. Howard, Smithsonian institution, Washington, D. C.

American Association of Orificial Surgeons—President, Dr. M. J. Hill, Sterling, Ill.; secretary, J. A. Lenfestey, Mount Clemens, Mich.

American Bar Association—President, E. H. Farrar, New Orleans, La.; secretary, George Whitelock, Baltimore, Md.; assistant secretary, W. Thomas Kemp, Baltimore, Md.; treasurer, Fred E. Wadhams, Albany, N. Y.

American Chemical Society—President, Wilder D. Bancroft, Cornell university, Ithaca, N. Y.; secretary, Charles L. Parsons, Durham, N. H.

American Climatological Association (founded 1884)—President, Dr. John Winters Brannan, New York, N. Y.; secretary, Dr. Guy Hinsdale, Hot Springs, Va.

American Dermatological Association—President, Douglas W. Montgomery, San Francisco, Cal.; secretary, James M. Winfield, 47 Halsey street, Brooklyn, N. Y.

American Dialect Society—President, Prof. Raymond Weeks, Columbia university, New York, N. Y.; secretary, Prof. W. E. Mead, Wesleyan university, Middletown, Conn.

American Economic Association—President, Edmund J. James, University of Illinois, Urbana, Ill.; secretary, Thomas Nixon Carver, Harvard, university, Cambridge, Mass.

American Electro-Therapeutic Association—President, Dr. Frederic de Kraft, New York, N. Y.; secretary, Dr. J. Willard Travell, 27 East 11th street, New York, N. Y.

American Folk Lore Society—President, Prof. R. B. Dixon, Harvard university, Cambridge, Mass.; secretary, Dr. Alfred M. Tozzer, Harvard university, Cambridge, Mass.

American Forestry Association—President, Hon. Curtis Guild, 41 India street, Boston, Mass.; executive secretary, Edwin A. Start, 1410 16th street, Washington, D. C.

American Geographical Society—President, Archer M. Huntington; corresponding secretary, Archibald D. Russell, 15 West 81st street, New York, N. Y.; librarian, Frederick S. Dellenbaugh.

American Historical Association—President, Frederick J. Turner, Madison, Wis.; secretary, Waldo G. Leland, Carnegie institution, Washington, D. C.

American Institute of Architects—President, Irving K. Pond, Chicago, Ill.; secretary, Glenn Brown, the Octagon, Washington, D. C.

American Institute of Electrical Engineers—President, Dugald C. Jackson, Boston, Mass.; secretary, Ralph W. Pope, 33 West 39th street, New York, N. Y.; membership, 6,600.

American Institute of Mining Engineers—Secretary, R. W. Raymond, 29 West 39th street, New York, N. Y.

American Institute of Homeopathy—President, Dr. James W. Ward, San Francisco, Cal.; secretary, Dr. J. Richey Horner, Cleveland, O.

American Mathematical Society—President, H. S. White; secretary, F. N. Cole, Columbia university, New York, N. Y.; Chicago section, secretary H. E. Slaught, University of Chicago; San Francisco section, secretary, W. A. Manning, Stanford university, Palo Alto, Cal.; southwestern section, secretary, O. D. Kellogg, University of Missouri, Columbia, Mo.

American Medical Association—President, William H. Welch, Baltimore, Md.; general secretary, George H. Simmons, 539 Dearborn avenue, Chicago, Ill.

American Microscopical Society—President, Prof. Herbert Osborn, Columbus, O.; secretary, Prof. T. A. Galloway, Millikin university, Decatur, Ill.

American Medico-Psychological Association—President, Charles W. Pilgrim, M. D., Poughkeepsie, N. Y.; secretary, Charles G. Wagner, Binghamton, N. Y.

American Nature-Study Society—President, O. W. Caldwell, University of Chicago, Chicago, Ill.; secretary-treasurer, F. L. Charles, University of Illinois, Urbana, Ill.

American Numismatic Society, The—Governors, Edward D. Adams, Henry R. Drowne, William B. Osgood Field, Archer M. Huntington and Daniel Parish, Jr.; recording secretary, Bauman Lowe Belden, Audubon Park, 156th street, west of Broadway, New York, N. Y.

American Ophthalmological Society—President, Dr Emil Gruening, New York, N. Y.; secretary, Dr W. M. Sweet, Philadelphia, Pa.

American Oriental Society—President, Prof. Maurice Bloomfield, Johns Hopkins university, Baltimore, Md.; corresponding secretary, Prof. A. V. W. Jackson, Columbia university, New York, N. Y.

American Orthopedic Association—President, Albert H. Freiberg, M. D., 19 West 7th street, Cincinnati, O.; secretary, R. R. Fitch, M. D., 209 East avenue, Rochester, N. Y.

American Pediatric Society—President, Henry Dwight Chapin, M. D., New York, N. Y.; secretary, Samuel S. Adams, M. D., Washington, D. C.

American Philological Association—President, Basil R. Gildersleeve, Johns Hopkins university, Baltimore, Md.; secretary, Prof. Frank Gardner Moore, Trinity college, Hartford, Conn.

American Philosophical Society—President, William W. Keen; secretaries, I. Minis Hays, Arthur W. Goodspeed, James W. Holland, Amos P. Brown, 104 South 5th street, Philadelphia, Pa.

American Physical Society—President, Prof. Henry Crew, Evanston, Ill.; secretary, Ernest Merritt, Ithaca, N. Y.

American Public Health Association—President, Dr. Gardner T. Swarts, Providence, R. I.; secretary, Dr. C. O. Probst, Columbus, O.

American Social Science Association—President, John Huston Finley, College of the City of New York; general secretary, Isaac Franklin Russell, 346 Broadway, New York, N. Y.

American Society of Biological Chemists—President, Otto Folin, Harvard Medical school, Boston, Mass.; secretary, William J. Gies, Columbia university, New York, N. Y.

American Society of Civil Engineers—President, John A. Bensel; secretary, Charles Warren Hunt, 220 West 57th street, New York, N. Y.

American Society of Mechanical Engineers—President, George Westinghouse; secretary, Calvin W. Rice, 29 West 39th street, New York, N. Y.

American Society of Naturalists—President, Prof. T. H. Morgan, Columbia university, New York, N. Y.; secretary, Dr. H. E. McE. Knower, University of Toronto, Toronto, Canada.

American Statistical Association—Secretary, Carroll W. Doten, 491 Boylston street, Boston, Mass.

American Surgical Association—President, Richard H. Harte, 1503 Spruce street, Philadelphia, Pa.; secretary, Robert G. LeConte, 1530 Locust street, Philadelphia, Pa.

Archæological Institute of America (incorporated by act of congress)—President, Prof. Francis W. Kelsey, Ph. D., University of Michigan, Ann Arbor; secretary, Prof. Mitchell Carroll, the George Washington university, Washington, D. C.

Association of American Anatomists—President, Prof. James P. McMurrich, Toronto university, Canada; secretary-treasurer, Dr. G. Carl Huber, University of Michigan, Ann Arbor.

Association of American Physicians—President, F. Forchelmer, Cincinnati, O.; secretary, George M. Kober, 1819 Q street, Washington, D. C.

Astronomical and Astrophysical Society of America—President, Prof. E. C. Pickering, Cambridge, Mass.; secretary, Prof. W. J. Hussey, University of Michigan, Ann Arbor.

Botanical Society of America—President, Dr. Erwin F. Smith, bureau of plant industry, Washington, D. C.; secretary, Prof. George T. Moore, Missouri Botanical garden, St. Louis, Mo.

Geological Society of America, The—President, Arnold Hague, Washington, D. C.; secretary, Edmund Otis Hovey, American Museum of Natural History, New York, N. Y.

National Academy of Sciences—President, Ira Remsen, Baltimore, Md.; secretary, Arnold Hague, Washington, D. C.; foreign secretary, Alexander Agassiz, Cambridge, Mass.; membership, 112.

National Association for the Study and Prevention of Tuberculosis—President, William H. Welch, Baltimore, Md.; secretary, Dr. Livingston Farrand, New York, N. Y.

National Educational Association—President, Mrs. Ella Flagg Young, Chicago, Ill.; permanent secretary Irwin Shepard, Winona, Minn.

National Eclectic Medical Association—President, Dr. Joseph Amasa Munk, Los Angeles, Cal.; corresponding secretary, Dr. William N. Mundy, Forest, O.

National Geographic Society—President, Henry Gannett, Washington, D. C.; secretary, O. P. Austin, Washington, D. C.; office, Hubbard Memorial hall, 16th and M streets, Washington, D. C.

Society of Naval Architects and Marine Engineers—President, Stevenson Taylor; secretary, Wm. J. Baxter, 29 West 39th street, New York, N. Y.

NEWSPAPERS OF THE UNITED STATES (1910).

(From Ayer's American Newspaper Annual.)

State or ter.	Daily.	Wkly.	Total.*
Alabama	26	194	247
Alaska	13	15	29
Arizona	19	48	71
Arkansas	22	254	309
Colorado	47	301	402
California	149	482	776
Connecticut	33	95	165
Delaware	3	25	31
Dist. Columbia.	4	19	64
Florida	17	133	164
Georgia	27	278	370
Hawaii	6	18	37
Idaho	12	112	139
Illinois	180	1,107	1,810
Indiana	158	542	791
Iowa	68	806	1,041
Kansas	72	646	759
Kentucky	30	236	340
Louisiana	24	171	225
Maine	15	96	139
Maryland	16	127	181
Massachusetts	83	385	670
Michigan	86	554	766
Minnesota	37	641	757
Missouri	91	768	1,011
Montana	17	99	131
Nebraska	30	539	623
Nevada	15	39	57
N. Hampshire..	13	104	133
New Jersey....	51	270	368
New Mexico....	6	108	116
New York.....	211	1,057	2,002
N. Carolina.....	30	194	277
North Dakota..	11	332	351
Ohio	170	721	1,131
Oklahoma	55	536	616
Oregon	28	184	248
Pennsylvania...	209	853	1,395
Philippines	10	6	24
Porto Rico.....	11	7	22
Rhode Island...	13	26	51
South Carolina.	13	107	156
South Dakota..	19	379	420
Tennessee	16	228	319
Texas	89	768	950
Utah	7	66	91
Vermont	9	89	107
Virginia	32	168	258
Washington ...	34	283	367
West Virginia.	32	166	220
Wisconsin	63	535	674
Wyoming	4	56	71
Total in 1910.	2,602	17,120	24,089
Total in 1909.	2,584	17,088	23,894
Canada (1910)..	135	939	1,364

*Incindes newspapers and periodicals of all issues.

THE ASSOCIATED PRESS (1910-1911).

President—Frank B. Noyes, Washington, D. C.

First vice-president—R. M. Johnston, Houston, Tex.

Second vice-president—Frank P. MacLennan, Topeka, Kas.

General manager—Melville E. Stone, New York, N. Y.

Assistant general manager—Charles S. Diehl, Chicago, Ill.

Treasurer—J. R. Youatt, New York, N. Y.

Directors—Thomas G. Rapier, New Orleans Picayune; Herman Ridder, New York Staats Zeitung; Victor F. Lawson, Chicago Daily News; Albert J. Barr, Pittsburg Post; Clark Howell, Atlanta Constitution; Charles W. Knapp, St. Louis Republic; Frank B. Noyes, Washington Star; Adolph S. Ochs, New York Times; W. L. McLean, Philadelphia Bulletin; Charles H. Taylor, Boston Globe; W. R. Nelson, Kansas City Star; V. S. McClatchy, Sacramento Bee; A. C. Weiss, Duluth Herald; Charles H. Clark, Hartford Courant.

UNITED STATES STEEL CORPORATION.

For the fiscal year ended Dec. 31, 1909, the net earnings of the United States Steel corporation were $107,773,099.96. The volume of business done by all the constituent companies of the corporation during the year, as represented by their combined gross sales and earnings, equaled the sum of $646,382,251.29. The outstanding capital stock at the close of the year was: Common, $508,302,500; preferred, $360,281,100. The bonded, debenture and mortgage debt was $607,584,173.72. The total expenditure on the Gary (Ind.) plant to Dec. 31, 1909, was $53,878,597.37.

The average number of employes in the service of the corporation during 1909 was 195,500, and the total annual salaries and wages amounted to $151,663,294.

HEIGHTS AND WEIGHTS OF CHILDREN.

Height.	Weight, lbs.	Height.	Weight, lbs.	Height.	Weight, lbs.	Height.	Weight, lbs.
At birth. 1 ft. 8 in.	8	2 years..3 ft. 0 in.	32	6 years..3 ft. 10 in.	49	10 years. 4 ft. 6 in.	68
6 m'ths. 2 ft. 0½ in.	16	3 years..3 ft. 4 in.	36½	7 years..4 ft. 0 in.	52½	11 years. 4 ft. 8 in.	74
1 year...2 ft. 5 in.	24	4 years..3 ft. 6 in.	41	8 years..4 ft. 2 in.	56½	12 years. 4 ft. 10 in.	80
1½ yrs..2 ft. 8½ in.	28	5 years..3 ft. 8 in.	45	9 years..4 ft. 4 in.	62		

FRATERNAL AND BENEVOLENT SOCIETIES.

GRAND LODGES A. F. & A. M.

NAMES AND ADDRESSES OF GRAND SECRETARIES (OCTOBER, 1909).

Alabama—George A. Beauchamp, Montgomery.
Alberta—Dr. George Macdonald, Calgary.
Arizona—George J. Roskruge, Tucson.
Arkansas—Fay Hempstead, Little Rock.
British Columbia—R. E. Brett, Victoria.
California—John Wicher, San Francisco.
Canada—Ralph L. Gunn, Hamilton, Ont.
Colorado—Charles H. Jacobson, Denver.
Connecticut—Frank W. Havens, Hartford.
Cuba—Carlos G. Charles, Havana.
Delaware—Virginius V. Harrison, Wilmington.
District of Columbia—A. W. Johnston, Washington.
England—Sir Edward Letchworth, London.
Florida—W. P. Webster, Jacksonville.
Georgia—W. A. Woolihin, Macon.
Idaho—Theodore W. Randall, Boise.
Illinois—Isaac Cutter, Camp Point.
Indiana—Calvin W. Prather, Indianapolis.
Iowa—Newton R. Parvin, Cedar Rapids.
Ireland—H. E. Flavelle, Dublin.
Kansas—Albert K. Wilson, Topeka.
Kentucky—Henry B. Grant, Louisville.
Louisiana—Richard Lambert, New Orleans.
Maine—Stephen Berry, Portland.
Manitoba—James A. Ovas, Winnipeg.
Maryland—William M. Isaac, Baltimore.
Massachusetts—Thomas W. Davis, Boston.
Michigan—Lou B. Winsor, Reed City.
Minnesota—John Fishel, St. Paul.
Mississippi—Frederic Speed, Vicksburg.
Missouri—John R. Parson, St. Louis.
Montana—Cornelius Hedges, Jr., Helena.
Nebraska—Francis E. White, Omaha.
Nevada—Chauncey N. Noteware, Carson City.
New Brunswick—J. Twining Hartt, St. John.
New Hampshire—Henry M. Cheney, Concord.
New Jersey—Benjamin F. Wakefield, Trenton.
New Mexico—Alpheus A. Keane, Albuquerque.
New York—Edward M. L. Ehlers, New York.
New Zealand—Malcolm Niccol, Wellington.
North Carolina—John C. Drewry, Raleigh.
North Dakota—Walter L. Stockwell, Fargo.
Nova Scotia—Thomas Mowbray, Halifax.
Ohio—J. H. Bromwell, Cincinnati.
Oklahoma—William M. Anderson, Waurika, and Joseph S. Murrow, Atoka.
Oregon—James F. Robinson, Portland.
Pennsylvania—William A. Sinn, Philadelphia.
Prince Edward Island—Neil McKelvie, Summerside.
Quebec—Will H. Whyte, Montreal.
Queensland—Charles H. Harley, Brisbane.
Rhode Island—S. Penrose Williams, Providence.
Saskatchewan—John M. Shaw, Regina.
Scotland—David Reid, Edinburgh.
South Australia—J. H. Cunningham, Adelaide.
South Carolina—O. H. Hart, Charleston.
South Dakota—George A. Pettigrew, Sioux Falls.
Tasmania—John Hamilton, Hobart.
Tennessee—John B. Garrett, Nashville.
Texas—John Watson, Waco.
United Grand Lodge of Victoria—John Braim, Melbourne.
United Grand Lodge of New South Wales—Arthur H. Bray, Sydney.
Utah—Christopher Diehl, Salt Lake City.
Vermont—Henry H. Ross, Burlington.
Virginia—George W. Carrington, Richmond.
Washington—Horace W. Tyler, Tacoma.
Western Australia—J. D. Stevenson, Perth.
West Virginia—H. R. Howard, Point Pleasant.
Wisconsin—William W. Perry, Milwaukee.
Wyoming—William M. Kuykendall, Saratoga.

ROYAL ARCH MASONS.

GENERAL GRAND CHAPTER.

General Grand High Priest—Nathan Kingsley, Austin, Minn.
General Deputy Grand High Priest—Bernard G. Witt, Henderson, Ky.
General Grand King—George E. Corson, Washington, D. C.
General Grand Scribe—Frederick W. Craig, Des Moines, Iowa.
General Grand Treasurer—John M. Carter, Baltimore, Md.
General Grand Secretary—Christopher G. Fox, Buffalo, N. Y.
General Grand Captain of the Host—William F. Kuhn, Kansas City, Mo.
General Grand Principal Sojourner—Bestor G. Brown, Topeka, Kas.
Headquarters, Buffalo, N. Y.
Number of grand chapters, 48.

KNIGHTS TEMPLARS.

OFFICERS OF THE GRAND ENCAMPMENT K. T. OF THE UNITED STATES.

Most Eminent Grand Master—Sir Knight William B. Melish, Cincinnati, O.
R. E. Deputy Grand Master—Sir Knight Arthur MacArthur, Troy, N. Y.
V. E. Grand Generalissimo—Sir Knight W. Frank Pierce, San Francisco, Cal.
V. E. Grand Captain General—Sir Knight Lee S. Smith, Pittsburg, Pa.
V. E. Grand Senior Warden—Sir Knight Joseph Kyle Orr, Atlanta, Ga.
V. E. Grand Prelate—Sir Knight Rev. John M. Walden, Cincinnati, O.
V. E. Grand Treasurer—Sir Knight Henry W. Lines, Meriden, Conn.
V. E. Grand Recorder—Sir Knight John Archibald Gerow, Detroit, Mich.
V. E. Grand Standard Bearer—Sir Knight Leonidas P. Newby, Knightstown, Ind.
V. E. Grand Sword Bearer—Sir Knight Frederick C. Thayer, Waterville, Me.
V. E. Grand Warder—Sir Knight Huston B. Colman, Kalamazoo, Mich.
V. E. Captain of the Guard—Sir Knight N. W. Boykin, Richmond, Va.

COMMANDERIES AND MEMBERSHIP. Commanderies.	Number.	Membership.
United States	1,283	191,441
England and Wales	132	3,054
Scotland	15	692
Ireland	44	1,100
Canada	49	4,890
Total	1,523	201,177

ANCIENT ACCEPTED SCOTTISH RITE MASONS.

NORTHERN MASONIC JURISDICTION.

M. P. Sovereign Grand Commander—Barker Smith, Toledo, O.
Grand Treasurer-General—Gen. Newton D. Arnold, Providence, R. I.
Grand Secretary-General—Gen. James H. Codding, New York, N. Y.
Grand Administrator of State—Gen. John O. Smith, Chicago, Ill.

SOUTHERN MASONIC JURISDICTION.

M. P. Sovereign Grand Commander—James D. Richardson, Washington, D. C.
Secretary-General—A. B. Chamberlain, Washington, D. C.

ANCIENT ARABIC ORDER NOBLES OF THE MYSTIC SHRINE.

First temple founded Sept. 26, 1872.

IMPERIAL COUNCIL 1909-1910.

Imperial Potentate—George L. Street, Richmond, Va.
Imperial Deputy Potentate—Frederick A. Hines, Los Angeles, Cal.
Imperial Chief Rabban—J. J. Treat, Fargo, N. D.
Imperial Assistant Rabban—William J. Cunningham, Baltimore, Md.
Imperial High Priest and Prophet—William W. Irwin, Wheeling, W. Va.
Imperial Oriental Guide—Jacob T. Barron, Columbia, S. C.
Imperial Treasurer—W. S. Brown, Pittsburg, Pa.
Imperial Recorder—B. W. Rowell, Boston, Mass.
Imperial First Ceremonial Master—Frederick R. Smith, Rochester, N. Y.
Imperial Second Ceremonial Master—J. P. Stevens, Portland, Me.
Imperial Marshal—H. F. Niedringhaus, St. Louis, Mo.
Imperial Captain of Guard—Charles E. Ovenshiere, Minneapolis, Minn.
Imperial Outer Guard—Elias J. Jacoby, Indianapolis, Ind.

ROYAL AND SELECT MASTERS.

GENERAL GRAND COUNCIL.

General Grand Master—Graff M. Acklin, Toledo, O.
General Deputy Grand Master—J. Albert Blake, Malden, Mass.
General Grand Principal Conductor of Work—E. W. Wellington, Ellsworth, Kas.
General Grand Treasurer—Thomas E. Shears, Denver, Col.
General Grand Recorder—Henry W. Mordhurst, Fort Wayne, Ind.
General Grand Captain of Guard—George A. Newell Medina, N. Y.
General Grand Conductor of Council—William F. Cleveland, Harlan, Iowa.
General Grand Marshal—Fay Hempstead, Little Rock, Ark.
General Grand Steward—Joseph C. Greenfield, Atlanta, Ga.

ORDER OF THE EASTERN STAR.

Organized Nov 16, 1876.

OFFICERS OF GENERAL GRAND CHAPTERS 1907-1910.

Most Worthy Grand Matron—Mrs. Ella S. Washburn, Racine, Wis.
Most Worthy Grand Patron—William H. Norris, Manchester, Iowa.
Right Worthy Associate Grand Matron—Mrs. M. Alice Miller, El Reno, Okla.
Right Worthy Associate Grand Patron—Willis D. Engle, Indianapolis, Ind.
Right Worthy Grand Secretary—Mrs. Lorraine J. Pitkin, Chicago, Ill.
Right Worthy Grand Treasurer—Mrs. Harriette A. Ercanbrack, Anamosa, Iowa.
Right Worthy Grand Conductress—Mrs. Rata A. Mills, Duke Center, Pa.
Right Worthy Associate Grand Conductress—Mrs. Emma Ocobock, Hartford, Mich.
Membership in order, 1907—402,379.

INDEPENDENT ORDER OF ODD FELLOWS.

SOVEREIGN GRAND LODGE.

Grand Sire—John B. Cockrum, Indianapolis, Ind.
Deputy Grand Sire—A. R. Keller, San Antonio, Tex.
Grand Scribe—John B. Goodwin, Baltimore, Md.
Grand Treasurer—M. Richards Muckle, Philadelphia, Pa.
Membership Dec. 31, 1909, 1,945,897.
Total paid for relief 1830 to 1909, inclusive, $130,987,340.67; expended for relief in 1909, $5,356,925.89.

IMPROVED ORDER OF RED MEN.

Founded 1763 and 1834.

GREAT CHIEFS OF THE GREAT COUNCIL OF THE UNITED STATES.

Great Incohonee—George B. Griggs, Houston, Tex.
Great Senior Sagamore—Carl Foster, Bridgeport, Conn.
Great Junior Sagamore—Frederick O. Downes, Boston, Mass.
Great Prophet—Joseph Farrar, Philadelphia, Pa.
Great Chief of Records—Wilson Brooks, 234 LaSalle street, Chicago, Ill.
Great Keeper of Wampum—William Provin, Westfield, Mass.
Number of great councils, 64.
Subordinate tribes and councils, 5,212.
Members, 480,574.
Benefits disbursed since organization, $26,807,512.39.
Expended for relief in 1909, $1,350,705.59.

KNIGHTS OF PYTHIAS

SUPREME LODGE.

Supreme Chancellor—George M. Hanson, Calais, Me.
Supreme Vice-Chancellor—Thomas J Carling, Macon, Ga.
Supreme Prelate—Rev Joseph H. Spearing, Shreveport, La.
Supreme Keeper of Records and Seal—Fred E. Wheaton, Minneapolis, Minn.
Supreme Master of Exchequer—Thomas D. Mears, Wilmington, N. C.
Supreme Master at Arms—Edward A. Horton, St. Thomas, Ont
Supreme Inner Guard—Harry A. Drachman, Tucson, Ariz.
Supreme Outer Guard—H. M. Wadsworth Philadelphia, Pa.
Major-General Military Department—Arthur J. Stobert, St. Paul, Minn.
Membership, Jan. 1, 1910, 74,006.
Expended for relief in 1909, $1,712,502.10.

INDEPENDENT ORDER OF FORESTERS.

Founded 1874.

SUPREME OFFICERS.

Supreme Chief Ranger—Elliott G. Stevenson, Toronto, Ont.
Past Chief Ranger—Victor Morin, B. A., N. P., Montreal, Que.
Supreme Vice-Chief Ranger—J. D. Clark, Dayton, O.
Supreme Secretary—Robert Mathison, M. A., Temple building, Toronto, Ont.
Supreme Physician and Acting Supreme Treasurer—Thomas Milliman, M. D., Toronto, Ont.
Supreme Counselor—W. H. Hunter, B. A., Toronto, Ont.
Total number of members, 240,000.
Benefits disbursed since organization, $29,121,616.33.

MODERN WOODMEN OF AMERICA.

Founded in 1883.

HEAD OFFICERS 1908-1911.

Head Consul—A. R. Talbot, Lincoln, Neb.
Head Adviser—Dan B. Horne, Davenport, Iowa.
Head Clerk—C. W. Hawes, Rock Island, Ill.
Head Banker—F. R. Korns, Des Moines, Iowa.
General Attorneys—Benjamin D. Smith, Mankato, Minn.; Truman Plantz, Warsaw, Ill.
Editor—F. O. Van Galder, Rock Island, Ill.
Head Chaplain—Rev. Henry N. Dunning, Albany, N. Y.
Head Escort—J. G. Dickson, Spokane, Wash.
Head Watchman—A. C. Van Galder, Berthoud, Col.
Head Sentry—F. A. Ward, Newport, R. I.
Board of Directors—E. E. Murphy, Leavenworth, Kas., chairman; A. N. Bort, Beloit, Wis.; R. R. Smith, Brookfield, Mo.; C. J. Byrns, Ishpeming, Mich.; J. A. Rutledge, Elgin, Ill. These with the head consul and head clerk constitute the executive council of seven.
Supreme Medical Directors—Dr. F. A. Smith, Rock Island, Ill., chairman; Dr. B. E. Jones, Rock Island, Ill.; Dr. E. L. Kerns, Rock Island, Ill.
Board of Auditors—Fred W. Parrott, Clay Center, Kas., chairman; L. W. Otto, Crawfordsville, Ind.; M. R. Carrier, Lansing, Mich.; A. L. Reeves, Steelville, Mo.; E. B. Thomas, Columbus, O.; Martin O'Brien, Crookston, Minn.; George L. Bowman, Kingfisher, Okla.
Membership Aug. 1, 1910, not including social—1,108,762.
Death claims paid to Sept. 1, 1910, $90,187,970.28.
Home Office—Rock Island, Ill.
Next head camp convenes in Buffalo, N. Y., June, 1911.

ROYAL ARCANUM.

Organized June 23, 1877.

SUPREME COUNCIL.

Supreme Regent—Clovis H. Bowen, Pawtucket, R. I.
Supreme Vice-Regent—F. T. McFaden, Richmond, Va.
Supreme Orator—Frank B. Wickersham, Harrisburg, Pa.
Supreme Secretary—Alfred T. Turner, 407 Shawmut avenue, Boston, Mass.
Chairman Supreme Trustees—H. K. Lathy, Philadelphia, Pa.
Grand Regent of Illinois—Joseph E. Lindquist, 76 Monroe street, Chicago, Ill.
Grand Secretary of Illinois—John Kiley, 76 Monroe street, Chicago.
Head office at 407 Shawmut avenue, Boston, Mass.
Number of subordinate councils, 1,942; state jurisdictions, 30.
Membership Oct. 1, 1910, 245,610.

NATIONAL UNION.

OFFICERS OF THE SENATE.

President—Henry Smale, 185 Dearborn street, Chicago, Ill.
Speaker—Harry S. Anderson, 405 13th street, Oakland, Cal.
Secretary—E. A. Myers, P. O. box 563, Toledo, O.
Treasurer—C. O. Evarts, Cleveland, O.
General Counsel—George P. Kirby, Toledo, O.
Executive Committee—H. C. Smale, Joseph A.

Wright, E. A. Myers, C. O. Evarts, Leo Canman, M. G. Jeffries, Harry E. Evans.
Total membership, 65,000; in Cook county, Illinois, 17,338.

ANCIENT ORDER OF UNITED WORKMEN.

Founded 1868.

SUPREME LODGE OFFICERS 1908-1910.

Past Supreme Master Workman—William M. Colvig, Jacksonville, Ore.
Supreme Master Workman—Will M. Narvis, Muscatine, Iowa.
Supreme Foreman—Joseph A. Eckstein, New Ulm, Minn.
Supreme Overseer—John Currier Gallagher, New Haven, Conn.
Supreme Recorder—M. W. Sackett, Meadville, Pa.
Supreme Receiver—E. F. Danforth, Skowhegan, Me.
Supreme Guide—W. R. Welch, Guthrie, Okla.
Supreme Watchman—D. B. Phelan, Maine.
Supreme Medical Examiner—G. A. Aschman, M. D., Wheeling, W. Va.
Membership Jan. 1, 1908, 219,729.

JUNIOR ORDER UNITED AMERICAN MECHANICS.

Founded 1853.

NATIONAL COUNCIL.

National Councilor—H. L. W. Taylor, Newport, Tenn.
National Vice-Councilor—John J. Weitzel, First National Bank building, Cincinnati, O.
Junior Past National Councilor—H. C. Schaertzer, San Francisco, Cal.
National Secretary—Martin M. Woods, box 874, Philadelphia, Pa.
National Treasurer—Charles Reimer, 1832 West Saratoga street, Baltimore, Md.
National Conductor—Wilbur F. Cannon, Denver, Col.
National Warden—H. G. Kleist, 38 Cooper street, Brooklyn, N. Y.
National Inside Sentinel—A. W. Barrus, Providence, R. I.
National Outside Sentinel—M. A. Stewart, Heavener, Okla.
National Chaplain—Rev. M. D. Lichliter, Harrisburg, Pa.
Secretary-Manager Beneficiary Degree and Funeral Benefit Department—Stephen Collins, box 595, Pittsburg, Pa.
Meets in Mobile, Ala., third Tuesday in June, 1911.

WOODMEN OF THE WORLD.

Organized June 6, 1890.

Sovereign Commander—Joseph C. Root, Omaha, Neb.
Sovereign Adviser—W. A. Fraser, Dallas, Tex.
Sovereign Clerk—John T. Yates, 211 W. O. W. building. Omaha, Neb.
Sovereign Banker—Morris Sheppard, Texarkana, Tex
Sovereign Escort—H. F. Simrall, Jr., Columbus, Miss.
Sovereign Watchman—B. W. Jewell, Omaha, Neb.
Sovereign Sentry—De E. Bradshaw, Little Rock, Ark.
Sovereign Physicians—Dr. A. D. Cloyd and Dr. Ira W. Porter, Omaha, Neb.
Sovereign Managers—N. B. Maxey, Muskogee, Okla., chairman; E. B. Lewis, Kinston, N. C.; E. D. Campbell, Port Huron, Mich.; C. C. Farmer, Mount Carroll, Ill.; T. E. Patterson, Chattanooga, Tenn.; L. Q. Rawson, Cleveland, O.; J. E. Fitzgerald, Kansas City, Mo.
Headquarters—Omaha, Neb.
Membership Sept. 1, 1910, 788,520 (all jurisdictions and auxiliaries).
Losses paid from organization to Sept. 1, 1910, $58,364,904.84.
Insurance in force, $1,067,768,200.00.
Emergency and surplus, $16,929,953.77.

TRIBE OF BEN-HUR.

Founded March 1, 1894.

SUPREME OFFICERS.

Supreme Chief—R. H. Gerard, Crawfordsville, Ind.
Supreme Scribe—John C. Snyder, Crawfordsville, Ind.
Supreme Keeper of Tribute—S. E. Voris, Crawfordsville, Ind.
Supreme Medical Examiner—J. F. Davidson, M. D., Crawfordsville, Ind.
Membership Sept. 1, 1910, 110,754.
Surplus, $1,469,326.87.
Home Office—Crawfordsville, Ind.

PATRIOTIC ORDER SONS OF AMERICA.

Organized Dec. 10, 1847.

NATIONAL CAMP OFFICERS.

President—Fred W. Alexander, Oak Grove, Va.
Vice-President—Fred A. Pope, Somerville, N. J.
Master of Forms—Sam D. Symmes, Crawfordsville, Ind.
Secretary—Charles H. Stees, 524 North 6th street, Philadelphia, Pa.
Treasurer—O. B. Wetherhold, Reading, Pa.
Assistant Secretary—L. F. Stees, 524 North 6th street, Philadelphia, Pa.
Chaplain—Rev. A. B. Wood, Baltimore, Md.
Conductor—U. S. Garrett, Chattanooga, Tenn.
Inspector—N. L. Grubb, Grubbs Corner, Del.
Guard—J. W. White, Jacksonville, Fla.
Medical Examiner in Chief—P. N. K. Schwenk, M. D., Philadelphia, Pa.
Place of meeting in 1911, Reading, Pa.
Membership, 200,000.

SELECT KNIGHTS OF AMERICA.

Organized 1881.

GRAND LEGION OFFICERS.

Past Grand Commander—W. A. Schoenborn, Chicago, Ill.
Grand Commander—A. J. Shiebel, Chicago, Ill.
Grand Vice-Commander—F. Rote, Baraboo, Wis.
Grand Lieutenant-Commander—A. F. Carlson, Chicago, Ill.
Grand Recorder—Thomas C. Harris, 810 S. Cuyler avenue, Oak Park, Ill.
Grand Treasurer—F. W. Smith, Chicago, Ill.
Grand Standard Bearer—A. J. Kuchler, Chicago, Ill.
Grand Senior Knight—J. P. Asmussen, Chicago, Ill.
Grand Junior Knight—E. Paulsen, Chicago, Ill.
Grand Guard—H. Schramm, Chicago, Ill.
Grand Medical Examiner—James P. Way, Chicago, Ill.

INDEPENDENT ORDER FREE SONS OF ISRAEL.

Organized in 1849.

GENERAL OFFICERS.

Grand Master—M. S. Stern, New York, N. Y.
First Deputy Grand Master—S. Hoffheimer, New York, N. Y.
Second Deputy Grand Master—A. Finkenburg, New York, N. Y.
Third Deputy Grand Master—Adolph Pike, Chicago, Ill.
Grand Secretary—Abraham Hafer, New York, N. Y.
Grand Treasurer—L. Frankenthaler, New York, N. Y.

FRATERNAL UNION OF AMERICA.

OFFICERS OF SUPREME LODGE.

President—F. F. Roose, Denver, Col.
Secretary—Samuel S. Baty, Denver, Col.
Treasurer—Willis M. Marshall, Denver, Col.
Physician—S. T. McDermith, Denver, Col.
Protector—George A. Ostrom, Portland, Ore.
Protection in force Dec. 31, 1909, $38,734,550.
Benefit members, 29,258.
Total claims paid to July 1, 1910, $2,479,378.78.

KNIGHTS OF HONOR.

Organized June 30, 1876.

Supreme Dictator—L. E. Bentley, New Orleans, La.
Supreme Vice-Dictator—Edwin C. Wood, New York, N. Y.
Supreme Assistant Dictator—Steve R. Johnson, Atlanta, Ga.
Supreme Reporter and Treasurer—Frank B. Sliger, St. Louis, Mo.
Supreme Chaplain—Rev. A. J. Hess, Columbus, Ky.
Supreme Guide—John H. Hancock, Louisville, Ky.
Supreme Guardian—Chris Hewig, Evansville, Ind.
Supreme Sentinel—R. S. Fletcher, Jackson, Tenn.

Supreme Trustees—D. S. Biggs, Boston, Mass.; R. W. Finley, Austin, Tex.; L. Schurtz, Mobile, Ala.
Supreme Medical Examiner—Dr. H. C. Dalton, St. Louis, Mo.

GRAND LODGE OF ILLINOIS.

Grand Dictator—S. H. Cohen, Chicago.
Grand Reporter—A. B. Garrett, East St. Louis.
Grand Treasurer—N. C. Nason, Shelbyville.
Supreme Representative—W. D. Dunning, Chicago.
Supreme Past Dictator—J. C. Sheppard, Edgefield, S. C.
Benefits paid since organization, $95,000,000.

KNIGHTS AND LADIES OF HONOR.

Organized 1877.

SUPREME LODGE OFFICERS.

Supreme Protector—George D. Tait, Indianapolis, Ind.
Supreme Secretary—S. B. Watts, Indianapolis, Ind.
Supreme Treasurer—George A. Byrd, Indianapolis, Ind.
Supreme Guide—H. F. A. Spilker, Aurora, Ill.
Supreme Guardian—W. G. Taylor.
Supreme Sentinel—D. N. Harris, St. Louis, Mo.
Headquarters of order in Indianapolis, Ind.
Total membership Sept. 1, 1909, 91,000.
Death claims paid since organization, $28,000,000.

MYSTIC WORKERS OF THE WORLD.

Founded 1896.

Supreme Master—J. Ross Mickey, Macomb, Ill.
Supreme Secretary—John R. Walsh, Fulton, Ill.
Supreme Banker—Al F. Schoch, Ottawa, Ill.
General Attorney—B. F. Lichtenberger, Chicago, Ill.
Grand lodges, 1.
Subordinate lodges, 1,897.
Members Sept. 29, 1910, 62,831.
Benefits disbursed since organization, $2,572,847.88.
Benefits disbursed last fiscal year, $358,002.73.

THE KNIGHTS OF THE MACCABEES OF THE WORLD.

Instituted 1878; reorganized 1883.

OFFICERS 1907-1911.

Past Supreme Commander—D. D. Aitken, Flint, Mich.
Supreme Commander—D. P. Markey, Detroit, Mich.
Supreme Lieutenant-Commander—M. F. Elkin, Lexington, Ky.
Supreme Record Keeper—L. E. Sisler, Detroit, Mich.
Supreme Chaplain—J. H. Buckbee, Elkland, Pa.
Supreme Sergeant—Geo. W. Miller, Chicago, Ill.
Supreme Master at Arms—C. K. Haw, Kansas City, Kas.
Supreme First Master of the Guards—C. C. Showalter, Parkersburg, W. Va.
Supreme Second Master of the Guards—G. W. Sulman, Chatham, Ont.
Supreme Sentinel—S. C. C. Ward, Augusta, Me.
Supreme Picket—Robert A. Nelson, Minneapolis, Minn.
Membership Sept. 1 1910, 281,488.
Benefits paid to Sept. 1, 1910, $40,948,720.87.

THE ROYAL LEAGUE.

Incorporated Oct. 26, 1883.

OFFICERS FOR 1910-1911.

Supreme Archon—W. E. Hyde, Chicago, Ill.
Supreme Vice-Archon—Thomas V. Dally, Milwaukee, Wis.
Supreme Orator—H. P. Rountree, Chicago, Ill.
Past Supreme Archon—C. E. Bonnell, Chicago, Ill.
Supreme Scribe—C. E. Piper, 1601 Masonic Temple, Chicago, Ill.
Supreme Treasurer—Holmes Hoge, First National bank, Chicago, Ill.
Supreme Prelate—Horace W. Danforth, Denver, Col.
Supreme Guide—Harry M. Strawn, Cleveland, O.
Supreme Warder—John J. Enright, Chicago, Ill.
Supreme Sentry—William R. McKinnon, Minneapolis, Minn.
Membership Dec. 31, 1909, 29,849.

FRATERNAL ORDER OF EAGLES.

OFFICERS OF THE GRAND AERIE.

Grand Worthy President—Thomas F. Grady, New York, N. Y.
Grand Worthy Vice-President—John S. Parry, San Francisco, Cal.
Grand Worthy Chaplain—A. B. Duncan, St. Joseph, Mo.
Grand Secretary—Conrad H. Mann, Kansas City, Mo.
Grand Treasurer—Finlay McRea, Helena, Mont.
Grand Worthy Conductor—Edward R. Fuller, Richmond, Va.
Grand Worthy Inside Guard—Charles Danner, Fort Scott, Kas.
Board of Grand Trustees—Frank E. Hering, South Bend, Ind.; J. H. Dowling, Dayton, O.; E. D. Sanders, Spokane, Wash.; Frank Le Roy, Victoria, B. C.; Leo Meyer, Guthrie, Okla.; Theodore A. Bell, Napa, Cal.; W. T. Gartland, Boston, Mass.; Owen Kane, Cleveland, O.
Membership, 1910, 350,000.

BENEVOLENT AND PROTECTIVE ORDER OF ELKS.

Grand Exalted Ruler—August Herrmann, Cincinnati, O.
Grand Esteemed Leading Knight—James H. Kelley, New Haven, Conn.
Grand Esteemed Loyal Knight—L. M. Lively, Tallahassee, Fla.
Grand Esteemed Lecturing Knight—Daniel M. Hailey, McAlester, Okla.
Grand Secretary—Fred C. Robinson, Dubuque, Iowa.
Grand Treasurer—Edward Leach, New York, N. Y.
Grand Tiler—P. H. Shields, Clarksburg, W. Va.
Grand Inner Guard—Joseph T. Welch, Long Branch, N. J.
Membership (1910), 231,288.
Lodges (1910), 1,208.

ANCIENT ORDER OF HIBERNIANS.

GENERAL OFFICERS.

President—James J. Regan, St. Paul, Minn.
Vice-President—Joseph McLaughlin, Philadelphia, Pa.
Secretary—John T. McGinnis, Scranton, Pa.
Treasurer—Thomas Maloney, Council Bluffs, Iowa.

UNITED ORDER OF FORESTERS.

EXECUTIVE COUNCIL.

Supreme Ranger—R. C. Sherrard, room 660, 125 La Salle street, Chicago.
Supreme Vice-Ranger—J. B. McGilligan, 1724 22d street, Superior, Wis.
Supreme Secretary—George W. Blann, Hathaway building, Milwaukee, Wis.
Supreme Treasurer—William A. Stoltz, State Life building, Indianapolis, Ind.
Supreme Counselor—James Schoonmaker, Oppenheim building, St. Paul, Minn.
Supreme Physician—Dr. S. T. Richman, 5659 Wentworth avenue, Chicago.
Supreme Chaplain—H. A. Loomer, Whitewater, Wis.
Supreme Archer—Varles Petz, 2648 North Western avenue, Chicago.

NATIONAL FRATERNAL CONGRESS.

President—John J. Hynes, Brisbane building, Buffalo, N. Y.
Secretary—C. A. Gower, Lansing, Mich.

Orders that are members of the National Fraternal congress, with names and addresses of the secretaries:

American Insurance Union—George W. Hoglan, Columbus, O.
Artisans' Order Mutual Protection—William Patton, 204 Odd Fellows' building, Philadelphia, Pa.
Ancient Order United Workmen—M. W. Sackett, Meadville, Pa.
Beneficiary Degree Junior Order American Mechanics—Stephen Collins, Pittsburg, Pa.
Catholic Knights of America—Anthony Matre, Mercantile building, St. Louis, Mo.
Catholic Knights and Ladies of America—Henry F. Hayes, suite 1312 Ashland block, Chicago, Ill.

Catholic Mutual Benefit Association—Joseph Cameron, Hornellsville, N. Y.
Catholic Order Foresters—Thomas F. McDonald, 1228 Stock Exchange building, Chicago, Ill.
Catholic Relief and Beneficiary Association—Miss Margaret H. Graney, Auburn, N. Y.
Court of Honor—W. E. Robinson, Springfield, Ill.
Degrée of Honor—Mrs. E. E. Allburn, 316 United Bank building, Sioux City, Iowa.
Fraternal Aid Association—T. J. Edmonds, Lawrence, Kas.
Fraternal Brotherhood—H. V. Davis, 845 Figueroa street, Los Angeles, Cal.
Fraternal Mystic Circle—J. D. Myers, 1913 Arch street, Philadelphia, Pa.
Fraternal Union America—Samuel S. Baty, F. U. of A. building, Denver, Col.
Improved Order Heptasophs—Frank E. Pleitner, Preston and Cathedral streets, Baltimore, Md.
Independent Order of Foresters—Robert Mathison, Toronto, Ont.
Knights of Columbus—William J. McGinley, New Haven, Conn.
Knights of Honor—Frank B. Sliger, 404 Odd Fellows' building, St. Louis, Mo.
Knights of Pythias (insurance department)—W. A. Jenkins, Pythian building, Indianapolis, Ind.
Knights and Ladies of Security—J. V. Abrahams, Topeka, Kas.
Knights of the Maccabees of the World—L. E. Sisler, Detroit, Mich.
Knights of the Modern Maccabees—A. M. Slay, Port Huron, Mich.
L. C. B. A.—Mrs. J. A. Royer, 443 West 11th street, Erie, Pa.
Ladies of the Maccabees of the World—Miss Bina M. West, Port Huron, Mich.
Ladies of the Modern Maccabees—Emma E. Bower, Port Huron, Mich.
Loyal Americans—H. D. Cowan, Springfield, Ill.
Loyal Association—Frank S. Petter, 76 Montgomery street, Jersey City, N. J.
Loyal Guard—F. H. Rankin, Flint, Mich.
National Union—E. A. Myers, National Union building, Toledo, O.
New England Order of Protection—D. M. Frye, Ashburton place, Boston, Mass.
Order of Columbian Knights—Edwin D. Peifer, 704 Masonic Temple, Chicago, Ill.
Polish National Alliance of the United States of North America—S. J. Czechowicz, 1406-1408 West Division street, Chicago, Ill.
Protected Home Circle—W. S. Palmer, Sharon, Pa.
Royal Arcanum—Alfred T. Turner, 408 Shawmut avenue, Boston, Mass.
Royal League—Charles E. Piper, 1601 Masonic Temple, Chicago, Ill.
S. L. Order Mutual Protection—G. Del Vecchio, Masonic Temple, Chicago, Ill.
Supreme Tribe Ben-Hur—John C. Snyder, Crawfordsville, Ind.
United Order of Foresters—G. W. Blann, Hathaway building, Milwaukee, Wis.
United Order of the Golden Cross—W. R. Cooper, Knoxville, Tenn.
United Order Pilgrim Fathers—Nathan Crary, Lawrence, Mass.
Vesta Circle—Frank H. Knapp, 1619 Masonic Temple, Chicago, Ill.
Women of Woodcraft—J. L. Wright, Portland, Ore.

FRATERNAL BENEFICIARY ASSOCIATIONS.

The name of each society is followed by that of its managing executive officer—the secretary unless otherwise specified. * Indicates membership in the Associated Fraternities of America and † indicates membership in the National Fraternal congress.

C. H. Robinson, 439 Unity building, Chicago, Ill., is the secretary-treasurer of the Associated Fraternities.

American Benefit Society—B. L. Colpitts, 2 Park square, Boston, Mass.
American Buffaloes—G. W. Sherman, Lansing, Mich.
*American Insurance Union—Dr. G. W. Hoaglan, Outlook building, Columbus, O.
*American Life and Annuity Society—W. La Rue Thomas, 501 Ferguson block, Pittsburg, Pa.
*American Nobles—V. A. Young, president, Waterloo, Iowa.
American Order of Protection—J. A. Patton, F. & M. building, Lincoln, Neb.
*American Stars of Equity—A. M. Smith, Wilcoxen building, Freeport, Ill.
Ancient Order of Gleaners—G. H. Slocum, Detroit, Mich.
Ancient Order of Shepherds—W. T. Newman, 59 Washington street, Chicago, Ill.
†Ancient Order of United Workmen—M. W. Sackett, Meadville, Pa.
Archæan Union—W. A. Schwartz, Rockford, Ill.
†Artisans Order of Mutual Protection—W. Patton, Odd Fellows' building, Philadelphia, Pa.
Association Canado-Americaine—Calixte Morin, 1008 Elm street, Manchester, N. H.
*Beavers' Reserve Fund Fraternity—Ben E. Walt, Stoughton, Wis.
B'nai B'rith, Independent Order— —— ——, 50 Clark street, Chicago, Ill.
*Brotherhood of American Yeomen—W. E. Davy, Des Moines, Iowa.
Brotherhood of Railroad Trainmen—A. E. King, Cleveland, O.
*Brotherhood of Railway Firemen and Engineers—A. H. Hawley, Peoria, Ill.
Brotherhood of the Union—H. B. Walter, 2147 York street, Philadelphia, Pa.
Canadian Order of Chosen Friends—W. F. Montague, Hamilton, Ont.
Canadian Order of Foresters—George Faulkner, Brantford, Ont.
Catholic Knights and Ladies of America— —— ——, 1312 Ashland block, Chicago, Ill.
Catholic Knights of Ohio—C. J. Anthony, 815 Rose building, Columbus, O.
†Catholic Mutual Benefit Association—Joseph Cameron, Hornellsville, N. Y.
†Catholic Order of Foresters—T. F. McDonald, Stock Exchange building, Chicago, Ill.
†Catholic Relief and Beneficiary Association—Mary G. Connelly, Auburn, N. Y.
Catholic Women's Benevolent Legion—Miss Annie O'Connor, 153 East 44th street, New York, N. Y.
Christian Burden Bearers' Association—L. N. Olmstead, Manchester, N. H.
*Church Fraternal Association—Hugh R. Moffett, Monmouth, Ill.
Columbian Woodmen—J. B. Frost, president, 120 Peachtree street, Atlanta, Ga.
†Court of Honor—A. L. Hereford, president, Springfield, Ill.
*Daughters of Columbia—N. J. Hein, 803 Masonic Temple, Chicago, Ill.
*Defenders, The—Felix A. Kremer, president, Madison, Wis.
*Eastern Star Benefit Fund—Miss M. E. Crowe, 39 Elizabeth street, west, Detroit.
Equitable Fraternal Union—M. L. Campbell, Neenah, Wis.
Fraternal Bankers' Reserve Society—R. D. Taylor, Cedar Rapids, Iowa.
*Fraternal Benefit League—Frank P. Tyler, 16 Elm street, New Haven, Conn.
Fraternal Censer—R. P. Nichols, Dayton, O.
†Fraternal Aid Association—T. J. Edmunds, Lawrence, Kas.
Fraternal Assurance Society of America—Fremont L. Jones, Fort Wayne, Ind.
Fraternal Champions—A. P. Tugwell, Los Angeles, Cal.
Fraternal Home—Charles Sanderson, Hamilton, Mo.
Fraternal Life Association—S. C. Heacox, Hastings, Neb.
†Fraternal Mystic Circle—J. D. Myers, 1913 Arch street, Philadelphia, Pa.
*Fraternal Reserve Association—C. M. Robinson, Oshkosh, Wis.
Fraternal Reserve Life Association—C. M. Carson, Peoria, Ill.
†Fraternal Union of America—F. F. Roose, president, 1430 Champa street, Denver, Col.
*German Beneficial Union—Louis Volz, president, 422 6th avenue, Pittsburg, Pa.
*Grand Fraternity, The—W. E. Gregg, 1414 Arch street, Philadelphia, Pa.
Gold Reserve Life Association—C. W. Campbell, Mount Pleasant, Mich.
Home Defenders of America—J. A. Thrasher, manager, Brazil, Ind.

Home Fraternal League—C. J. Kinne, Masonic Temple, Chicago, Ill.
*Home Guards of America—J. W. Evans, Van Wert, O.
*Ideal Reserve Association—E. W. Donovan, manager, Majestic building, Detroit, Mich.
†Improved Order Heptasophs—F. E. Pieltner, Preston and Cathedral streets, Baltimore, Md.
†Independent Order of Foresters—Robert Mathison, Toronto, Ont.
Independent Order of Mutual Aid—C. D. Brainard, Peoria, Ill.
Independent Order of Puritans—J. W. Powers, 248 4th avenue, Pittsburg, Pa.
Independent Scandinavians' Workingmen's Association—P. J. Smith, Eau Claire, Wis.
*Keystone Guard—G. F. Stanton, Athens, Pa.
Knights and Ladies of Honor—George D. Tait, Indianapolis, Ind.
*Knights and Ladies of Security—J. V. Abrahams, Topeka, Kas.
†Knights of Columbus—Daniel Colwell, 23 Church street, New Haven, Conn.
Knights of Father Mathew—T. S. Bowdern, 1803 Locust street, St. Louis, Mo.
†Knights of Honor—Noah M. Givan, Odd Fellows' Temple, St. Louis, Mo.
†Knights of Pythias—Carlos S. Hardy, Harvester building, Chicago, Ill.
†Knights of Maccabees of the World—L. E. Sisler, Port Huron, Mich.
†Knights of the Modern Maccabees—A. M. Slay, president, Port Huron, Mich.
†Ladies' Catholic Benefit Association—Mrs. A. Royer, 1115 Walnut street, Erie, Pa.
†Ladies of the Maccabees of the World—Miss Bina M. West, Port Huron, Mich.
*Ladies of the Modern Maccabees—Mrs. Frances E. Burns, president, St. Louis, Mich.
Legion of Honor of Missouri—J. M. Smith, 410 Fullerton building, St. Louis, Mo.
Life and Annuity Association—F. I. Shale, Hiawatha, Kas.
*Lincoln Annuity Union—Ernest Duden, 461 Castro street, San Francisco, Cal.
†Loyal Association—Frank S. Petter, Lincoln Trust building, Jersey City, N. J.
*Loyal Americans of the Republic—E. J. Dunn, Springfield, Ill.
*Loyal Guard—E. O. Wood, Flint, Mich.
*Loyal Mystic Legion of America—G. A. Wigton, treasurer, Hastings, Neb.
L'Union St. Jean-Baptiste—J. Ad. Caron, Woonsocket, R. I.
*Locomotive Engineers' M. L. and A. Insurance Association—W. E. Futch, president, Cleveland, O.
Married Men's League—John A. Sydney, Hannibal, Mo.
*Masonic Mutual Life Association—William Montgomery, 12th and F streets, Washington, D. C.
Masonic Catholic Order of Foresters—J. J. Leonard, 17 Worcester street, Boston, Mass.
*Modern American Fraternal Order—G. M. LeCrone, Effingham, Ill.
*Modern Brotherhood of America—E. L. Balz, Mason City, Iowa.
Modern Magi—A. L. Clark, Holmes building, Galesburg, Ill.
*Modern Order of Prætorians—C. B. Gardner, president, Dallas, Tex.
*Modern Protective Association—L. W. Dorsett, Sayre, Pa.
*Modern Woodmen of America—C. W. Hawes, Rock Island, Ill.
*Mutual Protective League—J. R. Paisley, Litchfield, Ill.
*Mystic Toilers—J. F. Taake, Des Moines, Iowa.
*Mystic Workers of the World—John R. Walsh, Fulton, Ill.
National Fraternal League—P. G. Wright, Green Bay, Wis.
*National Protective Legion—George A. Scott, president, Waverly, N. Y.
National Provident Union—F. E. Currier, 325 Eagle building, Brooklyn, N. Y.
†National Union—E. A. Myers, National Union building, Toledo, O.
†New England Order of Protection—D. M. Frye, Ashburton place, Boston, Mass.
New Era Association—A. M. Webster, 20 Fountain street, Grand Rapids, Mich.
North American Union—G. Langhenry, Railway Exchange building, Chicago, Ill.
*North Star Benefit Association—Ellen A. Olson, Moline, Ill.
Occidental Mutual Benefit Association—E. A. Nickleson, Salina, Kas.
Order of Canadian Home Circles—J. M. Foster, Toronto, Ont.
†Order of Columbian Knights—E. D. Peifer, 704 Masonic Temple, Chicago, Ill.
Order of Home Guardians—L. D. Milne, Mitchell, S. D.
†Order of Mutual Protection—G. Del Vecchio, National Life building, Chicago, Ill.
Order of Patricians—E. H. Platt, Tonelier building, Benton Harbor, Mich.
†Order of Scottish Clans—Peter Kerr, 134 Summer street, Boston, Mass.
Order of Select Knights—George K. Staples, 733 Ellicott square, Buffalo, N. Y.
Order of Amaranth—Peter J. Jeup, 242 Moran street, Detroit, Mich.
*Order of the Golden Seal—Arthur F. Bounton, Roxbury, N. Y.
*Order of Unity—C. H. Coons, Pittsburg, Pa.
Order of the Iroquois—W. A. Rice, 644 Ellicott square, Buffalo, N. Y.
Order of the White Cross—Elmer S. Grundy, Joliet, Ill.
†Protected Home Circle—The Hon. W. S. Palmer, Sharon, Pa.
Prudent Patricians of Pompeii—David Swinton, Saginaw, Mich.
†Royal Arcanum—Alfred T. Turner, 407 Shawmut avenue, Boston, Mass.
†Royal Highlanders—F. J. Sharp, Aurora, Neb.
†Royal League—Charles E. Piper, 1601 Masonic Temple, Chicago, Ill.
*Royal Neighbors of America—Mrs. Winnie Fielder, Peoria, Ill.
Royal Templars of Temperance (Canada)—Dr. C. V. Emroy, Hamilton, Ont.
*Royal Actuates—Emma L. Grinell, Omaha, Neb.
Select Knights and Ladies—Ed. H. Wheeler, 611 Minnesota avenue, Kansas City, Kas.
*Societe des Artisans Canadiens Francais—Henri Ray, 115 Rue St. Francois Xavier, Montreal, Canada.
*Sons and Daughters of Justice—W. W. Walker, Minneapolis, Kas.
†Supreme Tribe of Ben-Hur—D. W. Gerard, president, Crawfordsville, Ind.
Toilers' Fraternity—Z. T. Trumbo, 217 East Prairie street, Pontiac, Ill.
*Triple Tie Benefit Association—G. M. Stratton, Clay Center, Kas.
Union Fraternal League—James F. Reynolds, 185 Summer street, Boston, Mass.
United Aid of Cheboygan—E. A. Hickey, Cheboygan, Mich.
*United American Mechanics' Junior Order Benefit Degree—S. Collins, 432 Diamond street, Pittsburg, Pa.
United Artisans—C. L. McKenna, Commercial building, Portland, Ore.
United Craftsmen—James Higgins, Baltimore, Md.
†United Order of the Golden Cross—W. R. Cooper, Knoxville, Tenn.
†United Order of Pilgrim Fathers—Nathan Cary, Lawrence, Mass.
Vesta Circle—Frank H. Knapp, 1619 Masonic Temple, Chicago, Ill.
Western Catholic Union—John Schauf, Quincy, Ill.
*Women of Woodcraft—J. L. Wright, Portland, Ore.
Woodmen's Protective Association—W. A. Northcott, president, Springfield, Ill.
*Woodmen of the World (sovereign jurisdiction)—J. C. Root, president, Omaha, Neb.
*Woodmen of the World (Pacific jurisdiction)—I. I. Boak, box 1706, Denver, Col.
*Woodmen of the World (Canadian jurisdiction)—W. C. Fitzgerald, London, Ont.
Workmen's Benefit Association—James H. Cutten, 74 Boylston street, Boston, Mass.
*Yeomen of America—F. S. Silsbee, president, Oregon, Ill.

PATRIOTIC SOCIETIES OF THE UNITED STATES.

GRAND ARMY OF THE REPUBLIC.

First post organized at Decatur, Ill., April 6, 1866.

GENERAL OFFICERS.

Commander-in-Chief—John E. Gilman, Boston, Mass.
Senior Vice-Commander-in-Chief—Charles Burrows, Rutherford, N. J.
Junior Vice-Commander-in-Chief—William James, Jacksonville, Fla.
Chaplain-in-Chief—Rev. Thomas Harwood, Albuquerque, N. M.
Surgeon-General—John L. Smith, Spokane, Wash.

OFFICIAL STAFF.

Adjutant-General—Ephraim B. Stillings, State house, Boston, Mass.
Quartermaster-General—Cola D. R. Stowits, 877 Ellicott square, Buffalo, N. Y.
Judge-Advocate-General—Thomas S. Hopkins, Washington, D. C.
Inspector-General—Henry Z. Osborne, Los Angeles, Cal.
National Patriotic Instructor— — — ———.
Assistant Quartermaster-General and Custodian of Records—J. Henry Holcomb, Independence hall, Philadelphia, Pa.
Senior Aid-de-Camp and Chief of Staff—William M. Olin, Boston, Mass.
Executive Committee of the National Council of Administration—William H. Armstrong, Indianapolis, Ind.; F. M. Sterrett, St. Louis, Mo.; James Owens, New York, N. Y.; Charles B. Wilson, Chicago, Ill.; H. M. Pickell, Des Moines, Iowa; William J. Patterson, Pittsburg, Pa.; Lorin W. Collins, Minneapolis, Minn.

DEPARTMENT COMMANDERS AND ASSISTANT ADJUTANT-GENERALS 1910.

Alabama—Henry M. Austin.....Birmingham
Charles C. Chapin.....Birmingham
Arizona—E. S. Godfrey.....Phœnix
A. J. Sampson.....Phœnix
Arkansas—J. M. McClintock.....Duvall's Bluff
George W. Clark.....Little Rock
California and Nevada—
E. L. Hawk.....Sacramento
Harrison Bennett.....Sacramento
Colorado and Wyoming—
W. W. Ferguson.....Denver
T. J. Foote.....Denver
Connecticut—Edson S. Bishop.....Hartford
George S. Smith.....Niantic
Delaware—George C. Morton.....Wilmington
J. S. Litzenberg.....Wilmington
Florida—J. O. Thompson.....St. Petersburg
D. W. Starkey.....St. Petersburg
Georgia and South Carolina—
S. C. Brown.....Fitzgerald
M. S. Harrod.....Fitzgerald
Idaho—Willard White.....Boise
George Hoskins.....Boise
Illinois—James A. Connolly.....Springfield
Charles A. Partridge.....Chicago
Indiana—Alexander P. Asbury.....Farmersburg
J. R. Fesler.....Indianapolis
Iowa—H. A. Dyer.....Mason City
George A. Newman.....Des Moines
Kansas—Nathan E. Harmon.....Wichita
J. M. Miller.....Topeka
Kentucky—S. D. Van Pelt.....Danville
Le Vant Dodge.....Berea
Louisiana and Mississippi—
E. K. Russ.....New Orleans
Oscar Pillman.....New Orleans
Maine—John W. Webster.....Newport
W. L. Ross.....Pittsfield
Maryland—William J. Vannort.....Baltimore
R. C. Sunstrum.....Baltimore
Massachusetts—J. Willard Brown.....Stoneham
Israel H. DeWolf.....Boston
Michigan—Samuel J. Lawrence.....Northville
Fayette Wycoff.....Lansing
Minnesota—Philip G. Woodward.....Anoka
Orton S. Clark.....St. Paul
Missouri—Robert N. Denham.....St. Louis
Thomas B. Rodgers.....St. Louis
Montana—Robert G. Huston.....Butte
J. R. McCrakin.....Butte
Nebraska—John F. Diener.....Syracuse
L. M. Scothoon.....Lincoln
New Hampshire—A. D. Scovel.....Concord
Frank Battles.....Concord
New Jersey—James Inglis, Jr.....Paterson
George B. Stinson.....Paterson
New Mexico—H. B. Steward.....Albuquerque
J. G. Caldwell.....Albuquerque
New York—DeWitt C. Hurd.....Utica
William S. Bull.....Albany
North Dakota—Albert Roberts.....Devil's Lake
D. G. Duell.....Devil's Lake
Ohio—Henry A. Axline.....Columbus
W. S. Matthews.....Columbus
Oklahoma—B. N. Turk.....Enid
T. H. Seward.....Guthrie
Oregon—W. J. R. Beach.....Forest Grove
C. A. Williams.....Portland
Pennsylvania—L. W. Moore.....Philadelphia
Charles A. Suydam.....Philadelphia
Potomac—H. A. Johnson.....Washington
O. H. Oldroyd.....Washington
Rhode Island—Charles H. Ewer.....Howard
Philip S. Chase.....Providence
South Dakota—N. H. Kingman.....Selby
George H. Hoffman.....Selby
Tennessee—Ignaz Fanz.....Knoxville
M. M. Harris.....Knoxville
Texas—J. S. Dunlap.....Dallas
W. F. Conner.....Dallas
Utah—Thomas Lundy.....Ogden
R. G. Slater.....Salt Lake City
Vermont—E. J. Foster.....Waterbury
Edward Baker.....Montpelier
Virginia and North Carolina—
Charles H. Haber..Nat'l Soldiers' Home, Virginia
F. M. Work.....National Soldiers' Home, Virginia
Washington and Alaska—W. H. Wiscombe..Spokane
J. E. Stewart.....Spokane
West Virginia—J. L. Caldwell.....Huntington
G. W. Hutchinson.....Huntington
Wisconsin—Frank A. Walsh.....Fond du Lac
J. A. Watrous.....Milwaukee

NATIONAL ENCAMPMENTS AND COMMANDERS-IN-CHIEF.

1866—Indianapolis; S. A. Hurlbut, Illinois.
1868—Philadelphia; John A. Logan, Illinois.
1869—Cincinnati; John A. Logan, Illinois.
1870—Washington; John A. Logan, Illinois.
1871—Boston; A. E. Burnside, Rhode Island.
1872—Cleveland; A. E. Burnside, Rhode Island.
1873—New Haven; C. Devens, Jr., Massachusetts.
1874—Harrisburg; C. Devens, Jr., Massachusetts.
1875—Chicago; J. F. Hartranft, Pennsylvania.
1876—Philadelphia; J. F. Hartranft, Pennsylvania.
1877—Providence; J. C. Robinson, New York.
1878—Springfield; J. C. Robinson, New York.
1879—Albany; William Earnshaw, Ohio.
1880—Dayton, O.; Louis Wagner, Pennsylvania.
1881—Indianapolis; G. S. Merrill, Massachusetts.
1882—Baltimore; P. Vandervoort, Nebraska
1883—Denver; R. B. Beath, Pennsylvania.
1884—Minneapolis; John S. Kounts, Ohio.
1885—Portland, Me.; S. S. Burdette, Washington.
1886—San Francisco; L. Fairchild, Wisconsin.
1887—St. Louis; John P. Rea, Minnesota.
1888—Columbus, O.; Wm. Warner, Missouri.
1889—Milwaukee; Russell A. Alger, Michigan.
1890—Boston; W. G. Veazy, Vermont.
1891—Detroit; John Palmer, New York.
1892—Washington; A. G. Weissert, Wisconsin.
1893—Indianapolis; J. G. B. Adams, Massachusetts.
1894—Pittsburg; T. G. Lawler, Illinois.
1895—Louisville; I. N. Walker, Indiana
1896—St. Paul; T. S. Clarkson, Nebraska.
1897—Buffalo; J. P. S. Gobin, Pennsylvania.
1898—Cincinnati; James A. Sexton, Illinois.
1899—Philadelphia; Albert D. Shaw, New York.
1900—Chicago; Leo Rassieur, Missouri.
1901—Cleveland; Ell Torrance, Minnesota.
1902—Washington; T. J. Stewart, Pennsylvania.
1903—San Francisco; J. C. Black, Illinois.
1904—Boston; W. W. Blackmar, Massachusetts.
1905—Denver; James Tanner, Washington, D. C.
1906—Minneapolis; Robert B. Brown, Ohio.
1907—Saratoga—Chas. G. Burton, Missouri.
1908—Toledo; Henry M. Nevius, New Jersey.
1909—Salt Lake City; S. R. Van Sant, Minnesota.
1910—Atlantic City; J. E. Gilman, Massachusettts.

MEMBERSHIP BY DEPARTMENTS.

Dec. 31, 1909.

Depts.	Posts.	Members.	Depts.	Posts.	Members.
Alabama	6	110	Nebraska	209	4,540
Arizona	5	113	N. Hampshire	80	2,270
Arkansas	20	408	New Jersey	106	4,088
Cal. and Nev.	100	6,129	New Mexico	9	196
Col. and Wyo.	63	2,457	New York	590	23,414
Connecticut	61	3,431	North Dakota	18	337
Delaware	19	527	Ohio	537	22,296
Florida	22	341	Oklahoma	102	2,273
Ga. and S. C.	11	320	Oregon	62	1,957
Idaho	20	552	Pennsylvania	523	21,263
Illinois	507	17,184	Potomac	17	1,922
Indiana	361	13,386	Rhode Island	24	1,361
Iowa	344	10,256	South Dakota	63	1,164
Kansas	334	10,470	Tennessee	36	1,135
Kentucky	102	2,023	Texas	22	438
La. and Miss.	43	955	Utah	5	329
Maine	149	4,875	Vermont	90	2,466
Maryland	56	1,858	Va. and N. C.	31	555
Massachusetts	210	13,493	Wash. & Alas.	92	3,160
Michigan	311	9,854	West Virginia	38	1,128
Minnesota	166	4,734	Wisconsin	222	6,927
Missouri	229	6,761			
Montana	15	445	Totals	6,035	213,901

MEMBERSHIP BY YEARS.

1879	44,752	1895	357,633
1880	60,634	1896	340,610
1881	85,856	1897	319,456
1882	134,701	1898	305,603
1883	215,446	1899	287,381
1884	273,168	1900	276,662
1885	294,787	1901	269,507
1886	323,571	1902	263,745
1887	355,916	1903	256,510
1888	372,960	1904	246,261
1889	397,774	1905*	232,455
1890	409,489	1905†	235,823
1891	407,781	1906	229,922
1892	399,880	1907	225,157
1893	397,223	1908	220,600
1894	369,083	1909	213,901

DEATH RATE BY YEARS.

	No.	Pct.		No.	Pct.
1888	4,433	1.18	1900	7,790	2.80
1889	4,696	1.18	1901	8,166	3.02
1890	5,476	1.33	1902	8,299	3.08
1891	5,965	1.46	1903	8,366	3.22
1892	6,404	1.61	1904	9,029	3.60
1893	7,002	1.78	1905*	9,152	3.90
1894	7,283	2.97	1905†	9,205	3.90
1895	7,368	2.06	1906	9,052	3.83
1896	7,293	2.21	1907	10,242	4.45
1897	7,515	2.35	1908	10,124	4.59
1898	8,383	2.41	1909	11,030	5.00
1899	7,994	2.78			

*June 30. †Dec. 31. By a new rule the statistics were made to cover the calendar year.

Total expended for relief during year ended Dec. 31, 1909, $91,215.36.

DEPARTMENT OF ILLINOIS.

Commander—Maj. James A. Connolly, Springfield.
Senior Vice-Commander—Fred C. Held, Freeport.
Junior Vice-Commander—George B. Lyons, Waukegan.
Medical Director—Gideon von Bachelle, Chicago.
Chaplain—Rev. J. Bell, Canton.
Assistant Adjutant and Assistant Quartermaster-General—Charles A. Partridge, Memorial hall, Chicago.

CHICAGO AND COOK COUNTY POSTS, G. A. R.

Number and name of post, members Jan. 1, 1910, place and time of meeting in order named. Meetings in evenings unless otherwise specified.

5—George H. Thomas (593); Memorial hall; second and fourth Fridays.
7—W. B. Hazen (38); Memorial hall; first and third Saturdays.
9—Lyon (66); Memorial hall; first and third Fridays.
28—U. S. Grant (512); Memorial hall; second and fourth Thursdays.
40—George A. Custer (144); Memorial hall; first and third Tuesdays.
50—John Brown (73); 2712 State street, first and third Wednesdays.
91—Abraham Lincoln (134); 3120 Forest avenue; first and third Wednesdays.
109—Ambrose E. Burnside (37); 9138 Commercial avenue; second and fourth Saturdays.
275—Gen. T. W. Sweeney (25); Barrington; second Friday.
276—Kilpatrick (44); Odd Fellows' hall, Austin; second and fourth Tuesdays.
306—Col. J. A. Mulligan (34); 716 West Madison street; third Sunday, 2:30 p. m.
376—William McKinley (86); 26th and Butler streets; second and fourth Sundays, 2:30 p. m.
444—George G. Meade (195); 6248 Princeton avenue; first and third Tuesdays.
445—Winfield Scott (60); 501-509 West North avenue; first and third Saturdays.
467—L. H. Drury (26); Drexel avenue and 75th street; second Sunday, 2:30 p. m.
473—Blue Island (21); city hall, Blue Island; fourth Saturday.
489—G. W. Spencer (7); Riverdale; last Sunday, 2 p. m.
521—John B. Wyman (52); The Arcade, Pullman; second Saturday.
540—Gen. John A. Logan (58); Odd Fellows' hall, Evanston; first and third Tuesdays.
555—Gen. Silas Casey (12); Archer and Western avenues; third Sunday, 2 p. m.
560—Winfield S. Hancock (61); Larrabee and Center streets; second and fourth Fridays.
573—Washington (109); 1351 Diversey boulevard; second and fourth Fridays.
602—Farragut (91); Lake street and Western avenue; first and third Tuesdays.
615—Phil Sheridan (89); Scoville institute, Oak Park; first and third Fridays.
667—Hiram McClintock (27); Town hall, LaGrange; second and fourth Tuesdays.
668—Wilcox (28); Valentine's hall, 103d street; second Sunday, 3 p. m.
706—Columbia (114); Memorial hall; second and fourth Tuesdays.
713—Gen. E. Hatch (11); 4650 Ashland avenue; second and fourth Tuesdays.
724—Harvey (30); Royal League hall, Harvey; second and fourth Tuesdays.
737—Cumberland (11); Rogers Park; second and fourth Fridays.
740—Julius White (75); Madison street and California avenue; first and third Mondays.
743—Lucius Fairchild (12); Nelson's hall, Robey street and Chicago avenue; first Sunday, 2 p. m.
754—Gen B. F. Butler (26); Race's hall, Irving Park; first and third Fridays.
759—James A. Sexton (21); Chicago Heights; fourth Saturday, 3 p. m.
780—Gen Willich (20); Des Plaines; fourth Saturday.
790—Gen. William E. Strong (36); Masonic hall, Ravenswood; second and fourth Saturdays.
798—Old Glory (201); Masonic Temple; second and fourth Sundays, 2 p. m.

Commanders' Association—Room 35, 69 Dearborn street; meets third Saturday at 4 p. m. President, John P. Riley; secretary, Oliver N. Goldsmith. Officers in charge of relief work: President, John L. Manning; secretary, Charles H. Palmer.

WOMAN'S RELIEF CORPS.

Organized in Denver, Col., in July, 1883.

President—Belle C. Harris, Emporia, Kas.
Senior Vice-President—Eliza Brown Daggett, New York, N. Y.
Junior Vice-President—Charlotte J. Durell, Trenton, N. J.
Treasurer—Charlotte E. Wright, New Haven, Conn.
Chaplain—Mary A. Gardner, Seattle, Wash.
Secretary—Ida Wilson Moore, Abilene, Kas.
Counselor—Emma Stark Hampton, Detroit, Mich.
Inspector—Geraldine Frisbie, San Mateo, Cal.
Instituting Officer—Julietta Morris, Beloit, Wis.
Press Correspondent—Ida M. Trenary, Chicago, Ill.
Patriotic Instructor—Lue S. Wadsworth, Boston, Mass.
Membership (in 1910)—164,255.
National Headquarters—Emporia, Kas.

LADIES OF THE GRAND ARMY OF THE REPUBLIC.

Organized in Chicago, September, 1886.

NATIONAL OFFICERS.

President—Emma C. Pierce, 397 Main street, Springfield, Mass.
Senior Vice-President—Elizabeth Griffith, Utica, N.Y.
Junior Vice-President—Anna Liese, Newark, N. J.
Treasurer—Catherine DeLacey Roche, 860 Capouse avenue, Scranton, Pa.
Chaplain—Emma Crane, Toledo, O.
Counselor—Della R. Henry, Kansas City, Mo.
Secretary—Martha Gilmore, 684 Western avenue, Lynn, Mass.
Council of Administration—Nellie R. McMillan, Leavenworth, Kas.; Catherine Swikard, Chicago, Ill.; Jennie Troxell, Allentown, Pa.
National Headquarters—Springfield, Mass.
Membership—About 50,000.

UNITED CONFEDERATE VETERANS.

Organized June 10, 1889.

GENERAL OFFICERS.

First Hon. Commander-in-Chief—Gen. Clement A. Evans, Atlanta, Ga.
Hon. Commander-in-Chief—Gen. W. L. Cabell, Cabell, Tex.
General Commanding—Gen. George W. Gordon, Memphis, Tenn.
Adj.-Gen. and Chief of Staff—Maj.-Gen. William E. Mickle, New Orleans, La.
Army of Northern Virginia Dept.—Commander, Lieut.-Gen. C. I. Walker, Charleston, S. C.; Adj.-Gen. and Chief of Staff, Brig.-Gen. J. Fuller Lyon, Columbia, S. C.
South Carolina Div.—Commander, Maj.-Gen. B. H. Teague, Aiken, S. C.; Adj.-Gen. and Chief of Staff, S. E. Welch, Charleston, S. C.
North Carolina Div.—Commander, Maj.-Gen. Julian S. Carr, Durham, N. C.; Adj.-Gen. and Chief of Staff, Col. H. A. London, Pittsboro, N. C.
Virginia Div.—Commander, Maj.-Gen. S. Bolling, Petersburg; Adj.-Gen. and Chief of Staff, Col. William M. Evans, Petersburg.
West Virginia Div.—Commander, Maj.-Gen. Robert White, Wheeling, W. Va.; Adj.-Gen. and Chief of Staff, Col. A. C. L. Gatewood, Linwood.
Maryland Div.—Commander, Maj.-Gen. A. C. Trippe, Baltimore, Md.; Adj.-Gen. and Chief of Staff, Col. D. S. Briscoe, Baltimore.
Army of Tennessee Dept.—Commander, Lieut.-Gen. Bennett H. Young, Louisville, Ky.; Adj.-Gen. and Chief of Staff, Brig.-Gen. E. T. Sykes, Columbus, Miss.
Louisiana Div.—Commander, Maj.-Gen. Thomas J. Shaffer, Franklin; Adj.-Gen. and Chief of Staff, Col. L. H. Gardner, New Orleans.
Tennessee Div.—Commander, Maj.-Gen. John H. McDowell, Union City; Adj.-Gen. and Chief of Staff, Col. J. P. Hickman, Nashville.
Florida Div.—Commander, Maj.-Gen. J. C. Davant, Brooksville; Adj.-Gen. and Chief of Staff, Col. F. E. Saxon, Brooksville.
Alabama Div.—Commander, Maj.-Gen. G. P. Harrison, Opelika; Adj.-Gen. and Chief of Staff, Col. H. E. Jones, Montgomery.
Mississippi Div.—Commander, Maj.-Gen. W. A. Montgomery, Edwards; Adj.-Gen. and Chief of Staff, John A. Webb, Jackson.
Georgia Div.—Commander, Maj.-Gen. John O. Waddell, Cedartown; Adj.-Gen. and Chief of Staff, Col. W. W. Hulbert, Atlanta.
Kentucky Div.—Commander, Maj.-Gen. W. B. Haldeman, Louisville; Adj.-Gen. and Chief of Staff, Col. W. A. Milton, Louisville.
Trans-Mississippi Dept.—Commander, Lieut.-Gen. K. M. Van Zandt, Fort Worth, Tex.; Adj.-Gen. and Chief of Staff, Brig.-Gen. W. T. Shaw, Fort Worth, Tex.
Texas Div.—Commander, Maj.-Gen. B. B. Paddock, Fort Worth; Adj.-Gen. and Chief of Staff, Col. H. C. Edmington, Fort Worth
Missouri Div.—Commander, Maj.-Gen. Frank Garenne, St. Louis; Adj.-Gen. and Chief of Staff, Col. A. W. Morse, St. Louis.
Arkansas Div.—Commander, Maj.-Gen. James F. Smith, Little Rock; Adj.-Gen. and Chief of Staff, Col. James M. Stewart, Little Rock.
Oklahoma Div.—Commander, Maj.-Gen. D. M. Halley, McAlester; Adj.-Gen. and Chief of Staff, Col. R. B. Coleman, McAlester.
Northwest Div.—Adj.-Gen. and Chief of Staff, Col. J. H. Williams, Philipsburg, Mont.
Pacific Div.—Commander, Maj.-Gen. William C. Harrison, M. D., Los Angeles; Adj.-Gen. and Chief of Staff, Louis Tieman, Tieman, Cal.
Membership, about 60,000; camps, 1,703.
The purpose of the society is strictly social, literary, historical and benevolent.

The next annual meeting will be held in the city of Little Rock, Ark., May 16-18, 1911.

UNION VETERAN LEGION.

National Commander—Nathan Manshower, Columbus, O.
Senior Vice-Commander—William P. Griffith, New York, N. Y.
Junior Vice-Commander—Joseph McCabe, Beaver Falls, Pa.
Quartermaster-General—Ben D. Miner, Indianapolis, Ind.
Surgeon-General—C. H. Gardner, Philadelphia, Pa.
Chaplain—N. H. Holmes, Pittsburg, Pa.
Quartermaster-General—Frank I. Blair, Pittsburg, Pa.

ARMY AND NAVY UNION OF THE UNITED STATES OF AMERICA.

Incorporated by special act of congress.

NATIONAL CORPS.

Commander—J. Edwin Browne, Brooklyn, N. Y.
Senior Vice-Commander—J. E. B. Stuart, Newport News, Va.
Junior Vice-Commander—Geo. R. Downs, Erie, Pa.
Adjutant-General—Thomas H. Avery, 200 Montague, Brooklyn, N. Y.
Quartermaster-General—J. R. McCullough, Newburgh, N. Y.
Inspector-General—Charles W. Blush, Washington, D. C.
Judge-Advocate General—R. McKinley Power, New Rochelle, N. Y.
National Chaplain—John E. Cox, Cincinnati, O.
Surgeon-General—J. E. Hendrickson, Military Home, Va.
General Phil H. Sheridan Garrison No. 31, Chicago, meets the 2d and 4th Mondays in each month in Memorial hall, public library building. Commander, James Kelly; adjutant, C. J. S. Arey.

SPANISH WAR VETERANS.

Organized April 19, 1904.

NATIONAL OFFICERS.

Commander-in-Chief—Joseph R. H. Jacoby, Seattle, Wash.
Senior Vice-Commander-in-Chief—Capt. A. G. Clark, U. S. A., Fort Dade, Fla.
Junior Vice-Commander-in-Chief—Charles A. Reynolds, New Mexico.
Surgeon-General—William C. K. Berlin, Denver, Col.
Chaplain-in-Chief—G. H. Stull, U. S. A., Wyoming.
Inspector-General—W. J. Mickel, Wisconsin.
National Historian—William D. Tucker, Ohio.

NAVAL AND MILITARY ORDER OF THE SPANISH-AMERICAN WAR.

Instituted Feb. 2, 1899.

OFFICERS OF NATIONAL COMMANDERY, 1910.

Commander-in-Chief—Brig.-Gen. Henry M. Duffield, U. S. V., Detroit, Mich
Senior Vice-Commander-in-Chief—Maj. M. Emmet Urell, U. S. V., war dept., Washington, D. C.
Junior Vice-Commander-in-Chief—Lieut. James P. Parker, U. S. V., Boston, Mass.
Recorder-in-Chief—Maj. Frank Keck, U. S. V., 78 Broad street, New York, N. Y.
Registrar-in-Chief—Maj. Samuel T. Armstrong, U. S. V., 78 Broad street, New York, N. Y.
Deputy Registrar-in-Chief—Lieut. Edward E. Moseley, U. S. V., Hartford, Conn.
Treasurer-in-Chief—Maj. George Franklin Shiels, U. S. V., 78 Broad street, New York, N. Y.

Chaplain-in-Chief—Capt. Henry A. F. Hoyt, U. S. V., Cynwyd, Pa.
Council-in-Chief—Capt. Milton J. Foreman, U. S. V., Chicago; Capt. William E. English, U. S. V., Indianapolis, Ind.; Capt. Frank T. Hines, U S. A., Fort Wadsworth, N. Y.

ILLINOIS COMMANDERY OFFICERS, 1910.
Instituted June 7, 1901.

Commander—Maj. James M. Eddy, U. S. V., 185 Van Buren street, Chicago.
Senior Vice-Commander—Capt. Milton J. Foreman, U. S. V., Chicago.
Junior Vice-Commander—Lieut.-Col. George Viele, Chicago.
Recorder—Lieut. Bernard J. Baumer, U. S. V., 1411 Ashland block, Chicago.
Registrar—Brig.-Gen. Alfred C. Girard, care John Crerar library, Chicago.
Treasurer—Capt. Charles T. Wilt, U. S. V., 180 Wabash avenue, Chicago.
Chaplain—Capt. Edward A. Kelly, U. S. V., Chicago.

SOCIETY OF THE CINCINNATI.

Organized by Gen. George Washington and his officers May 10, 1783, at the cantonments of American army on the Hudson river, New York.

GENERAL OFFICERS.

President-General—Winslow Warren, Massachusetts.
Vice-President-General—James Simons, LL. D., South Carolina.
Secretary-General—Asa Bird Gardiner, LL. D., L. H. D., 24 Stone street, New York city.
Treasurer-General—(Vacancy).
Assistant Secretary-General—John C. Daves, Baltimore, Md.
Assistant Treasurer General—Charles Isham, Connecticut.

Only the thirteen original states have state societies. These, with the names of president and secretary of each in geographical order named, are:
New Hampshire—(Vacancy), Francis Coffin Martin.
Massachusetts—Winslow Warren, David Greene Haskins.
Rhode Island—Asa Bird Gardiner, LL. D., L. H. D.; George W. Olney.
Connecticut—(Vacancy), Bryce Metcalf.
New York—Talbot Olyphant, Francis Burrall Hoffman.
New Jersey—James W. S. Campbell, W. Ten Brock Imlay.
Pennsylvania—Richard Dale, William Macpherson Hornor.
Delaware—John Patten Wales, John Osgood Platt.
Maryland—Oswald Tilghman, Thomas Edward Sears.
Virginia—Wyndham R. Meredith, Levin Joyner.
North Carolina—Wilson Gray Lamb, Marshall Delancey Haywood.
South Carolina—James Simons, LL. D.; Henry M. Tucker, Jr.
Georgia—Walter Glasco Charlton, George Francis Tannille.

The Order of the Cincinnati was organized by American and French officers who served in the war of the revolution, for the purpose of perpetuating the remembrance of that event and keeping up the friendships then formed. Membership goes to the eldest male descendant, if worthy; in case there is no direct male descendant, then to male descendants through intervening female descendants. The present membership is about 1,000. George Washington was the first president-general until his decease, and Alexander Hamilton the second.

MILITARY ORDER OF FOREIGN WARS OF THE UNITED STATES.

Instituted Dec. 27, 1894.

OFFICERS OF THE NATIONAL COMMANDERY.

Commander-in-Chief—Maj. Gen. Alex. S. Webb, U. S. A., Riverdale, N. Y.
Vice-Commanders-General — Maj.-Gen. Chas. F. Roe, N. G. N. Y., 280 Broadway, New York; Brig.-Gen. William H. H. Davis, U. S. V., Doylestown, Pa.; Morris W. Seymour, Bridgeport, Conn.; Capt. Willis J. Wells, Chicago, Ill.; the Hon. Horace Davis, LL. D., San Francisco, Cal.; John C. Edwards, Boston, Mass.; Col. H. Ashton Ramsay, Baltimore, Md.; Gen. George H. Garretson, Cleveland, O.; Col. Harvey C. Clark, St. Louis, Mo.; Lieut. G. R. Anderson, U. S. V., Rutland, Vt.; Dr. George B. Johnson, Richmond, Va.; Lieut. Charles H. Peckham, U. S. V., Providence, R. I.; Commander John W. Bostick, L. N. R., New Orleans, La.; Brig.-Gen. Edward E. Campbell, U. S. V., Newark, N. J.; Gen. Charles King, U. S. V., Milwaukee, Wis.; Rev. Francis C. Kelley, Lapeer, Mich.; Lieut. R. K. Gaston, Dallas, Tex.; Gen. Irving Hale, Denver, Col.; Brig.-Gen. William J. McKee, U. S. V., Indianapolis, Ind.
Secretary-General—James H. Morgan, Bogota, N. J.
Deputy Secretary-General—Maj. David Banks, Jr., New York, N. Y.
Treasurer-General—Col. Oliver C. Bosbyshell, 4048 Chestnut street, Philadelphia, Pa.
Registrar-General—Rev. Henry N. Wayne, Tuckahoe, N. Y.
Judge-Advocate General—Col. Henry A. Axline, U. S. V., Columbus, O.
Deputy Treasurer-General—Commander George W. Simpson, U. S. N., Washington, D. C.
Chaplain-General—Capt. Henry A. F. Hoyt, Cynwyd, Pa.
Historian-General—Capt. Edw. H. Smith, U. S. V., Oshkosh, Wis.
Recorder-General—Maj. Moses R. Doyen, U. S. V., Kokomo, Ind.
Commanderies have been established in twenty-one states. Total membership about 1,400.

The order is a military organization with patriotic objects, having for its scope the period of American history since national independence. It stands for the needed and honorable principle of national defense against foreign aggression. The principal feature of the order is the perpetuating of the names, as well as the services, of commissioned officers who served in either the war of the revolution, the war with Tripoli, the war of 1812, the Mexican war or the war with Spain and all future campaigns, recognized by the United States government as war with foreign powers. Veteran companionship is conferred upon such officers and hereditary companionship upon their direct lineal descendants in the male line.

SOCIETY OF COLONIAL WARS.

Instituted in 1892.

OFFICERS OF THE GENERAL SOCIETY.

Governor-General—Arthur J. C. Sowdon, Boston, Mass.
Vice-Governor-General—Howland Pell, New York.
Secretary-General—Clarence Storm, 45 William street, New York.
Deputy Secretary-General—Henry G. Sanford, 45 William street, New York, N. Y.
Treasurer-General—William Macpherson Hornor, Philadelphia, Pa.
Registrar-General—George Norbury Mackenzie, Baltimore, Md.
Historian-General—T. J. Oakley Rhinelander, New York, N. Y.
Chaplain-General—Rt.-Rev. Daniel S. Tuttle, D. D., LL. D., St. Louis, Mo.
Surgeon-General—Justin E. Emerson, Detroit, Mich.
Chancellor-General—Hon. Henry Stockbridge, Baltimore, Md.

SECRETARIES OF STATE SOCIETIES.

California—Harrison B. Alexander, Los Angeles.
Colorado—John Wright Barrows, Denver.
Connecticut—L. A. Barbour, Hartford.
Delaware—Christopher L. Ward, Wilmington.
Dist. of Columbia—Joseph B. Johnson, Washington.
Georgia—Charles H. Banks, Savannah.
Illinois—William R. Tucker, 135 Adams street, Chicago.
Indiana—Rev. C. S. Sargent, Indianapolis.
Iowa—John E. Bready, M. D., Dubuque.
Kentucky—George T. Wood, Louisville.
Maine—Philip P. Jones, Portland.
Maryland—Julian H. Lee, Baltimore.
Massachusetts—E. W. McGlenen, Boston.
Michigan—Edward W. Pendleton, Detroit.
Minnesota—William G. White, St. Paul.

Missouri—Hobart Brinsmade, St. Louis.
Nebraska—(Vacancy).
New Hampshire—Dr. I. A. Watson, Concord.
New Jersey—J. L. Merrill, East Orange.
New York—F. D. Dwight, New York. N. Y.
Ohio—J. W. Sparrow, Cincinnati.
Pennsylvania—E. S. Sayres, Philadelphia.
Rhode Island—Henry B. Rose, Providence.
Vermont—Byron N. Clarke, Burlington.
Virginia—Thomas Bolling, Jr., Richmond.
Washington—H. B. Ferris, Spokane.
Wisconsin—Oliver T. Dwight, Milwaukee.

SOCIETY OF THE WAR OF 1812.
Organized Sept. 14, 1814.

GENERAL OFFICERS 1910-12.

President-General—John Cadwalader (of Pennsylvania society).
Vice-Presidents-General—Reynold W. Wilcox, M. D.; Gen. Peter Leary, U. S. A.; George Francis Pierce; Walter St. George Harris; Hon. Charles Page Bryan (Illinois); Marcus Benjamin, Ph. D.; Frank W. Thomas; Oscar H. Condit; James G. Longfellow.
Secretary-General—Calvin Lord, 141 Purchase street, Boston, Mass.
Assistant Secretary-General—John Mason Dulany, 2331 North Calvert street, Baltimore, Md.
Treasurer-General—George H. Richards, M. D., 11 Cleveland street, Orange, N. J.
Assistant Treasurer-General—John M. Henry, Washington, D. C.
Registrar-General—Henry Harmon Noble, Essex, N. Y.
Surgeon-General—George H. Burgin, M. D.
Judge-Advocate General—Maj. John B. Porter, U. S. A.
Chaplain-General—Henry Branch, Maryland.

ILLINOIS SOCIETY.

President—William Porter Adams, Chicago.
Secretary—James Edgar Brown, 59 Clark street, Chicago.

State societies have been formed in Pennsylvania, Maryland, Massachusetts, Connecticut, Illinois, District of Columbia, New York and New Jersey. Membership is made up of male persons above the age of 21 years who participated in or are lineal descendants of one who served during the war of 1812 in the army, navy, revenue-marine or privateer service of the United States, upon offering proof thereof satisfactory to the state society to which they may make application for membership, and who are of good moral character and reputation.

NATIONAL SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION.
Organized April 30, 1889, and incorporated by act of congress June 9, 1906.

President-General—William A. Marble, New York, N. Y.
Vice-Presidents-General—R. C. Ballard, Thurston, Kentucky; William T. Dewey, Vermont; Com. John H. Moore, U. S. N., District of Columbia; Col. Samuel. E. Bliss, Illinois; R. M. Sims, California.
Secretary-General and Registrar-General—A. Howard Clark, Smithsonian Institution, Washington, D. C.
Treasurer-General—John H. Burroughs, 15 William street, New York, N. Y.
Historian-General—David L. Pierson, East Orange, N. J.
Chaplain-General—Rev. John Timothy Stone, D. D., Chicago, Ill.
Membership (1910)—12,500.

NATIONAL SOCIETY OF THE DAUGHTERS OF THE AMERICAN REVOLUTION.

Headquarters—Memorial Continental hall, 17th and D streets, N. W., Washington, D. C.
President-General—Mrs. Matthew T. Scott, Bloomington, Ill.
Vice-President-General in Charge of Organization of Chapters—Mrs. Miranda B. Tulloch, Washington, D. C.
Vice-Presidents-General—Terms expire in 1911: Mrs. Edwin C. Gregory, North Carolina; Mrs. Alexander E. Patton, Pennsylvania; Mrs. J. Morgan Smith, Alabama; Mrs. Wallace Delafield, Missouri; Mrs. James M. Fowler, Indiana; Mrs. John Campbell, Colorado; Mrs. Edward Orton, Jr., Ohio; Mrs. Charles B. Bryan, Tennessee; Mrs. Grace M. Sternberg, District of Columbia; Mrs. John D. Swift, California. Terms expire in 1912: Mrs. John T. Sterling, Connecticut; Mrs. La Verne Noyes, Illinois; Miss Ellen Mecum, New Jersey; Mrs. Egbert R. Jones, Mississippi; Mrs. Virginia R. Shackelford, Virginia; Mrs. Emily P. S. Moor, Vermont; Mrs. Andrew K. Gault, Nebraska; Mrs. Edward Randall, Texas; Mrs. W. E. Stanley, Kansas; Miss Anna C. Benning, Georgia.
Chaplain-General—Mrs. Esther F. Noble, Washington, D. C.
Recording Secretary-General—Miss Mary R. Wilcox, Washington, D. C.
Registrar-General—Miss Grace M. Pierce, Washington, D. C.
Historian-General—Mrs. Gertrude B. Darwin, Washington, D. C.
Corresponding Secretary-General—Mrs. Mabel G. Swormstedt, Washington, D. C.
Treasurer-General—Mrs. Lulu R. Hoover, Washington, D. C.
Assistant Historian-General—Mrs. Henry S. Bowron, New York, N. Y.
Librarian-General—Mrs. Short A. Willis, Washington, D. C.
Illinois State Regent—Mrs. John C. Ames, Streator.

SONS OF THE REVOLUTION.
Organized 1875.

GENERAL OFFICERS 1908-1911.

General President—John Lee Carroll, Ellicott City, Md.
First Vice-President—Edmund Wetmore, New York.
Second Vice-President—Wilson G. Harvey, South Carolina.
General Secretary—James Mortimer Montgomery, New York city.
Assistant General Secretary—Prof. William Libbey, New Jersey.
General Treasurer—Richard McCall Cadwalader, Philadelphia, Pa.
Assistant General Treasurer—Henry Cadlo, Bethany, Mo.
General Chaplain—(Vacancy).
General Registrar—Walter G. Page, Massachusetts.
General Historian—William G. McCabe, Virginia.

Organizations exist in thirty-one states and territories. Membership, 7,000.

MILITARY ORDER OF THE LOYAL LEGION OF THE UNITED STATES.
Instituted 1865. Membership July 31, 1910, 8,580.

GENERAL OFFICERS.

Commander-in-Chief—Lieut.-Gen. John C. Bates, U. S. A.
Senior Vice-Commander-in-Chief—Bvt. Brig.-Gen. Walter R. Robbins, U. S. V.
Junior Vice-Commander-in-Chief—Rear-Admiral Yates Stirling, U. S. N.
Recorder-in-Chief—Bvt. Lieut.-Col. John P. Nicholson, U. S. V.
Registrar-in-Chief—Bvt. Maj. William P. Huxford, U. S. A.
Treasurer-in-Chief—Brig.-Gen. Joseph W. Plume, U. S. V.
Chancellor-in-Chief—Bvt. Capt. John O. Foering, U. S. V.
Chaplain-in-Chief—Bvt. Maj. Henry S. Burrage, U. S. V.
Council-in-Chief—First Lieut. and Adjt. Lewis H. Chamberlain, Bvt. Maj. Charles A. Amory, Bvt. Col. Cornelius Cadle, Paymaster George De Forest Barton and Capt. Urban A. Woodbury.

COMMANDERIES.

California—Capt. George W. Merrill, commander; Lieut.-Col. William R. Smedberg, recorder.
Colorado—Capt. William B. Upton, commander; Lieut. Austin W. Hogle, recorder.
District of Columbia—Rear-Admiral George C. Remey, commander; Maj. W. P. Huxford, recorder.
Illinois—Capt. William P. Wright, commander; Roswell H. Mason, recorder.

Indiana—Capt. Augustus C. Ford, commander; Lieut. Alexander M. Scott, recorder.
Iowa—Capt. Charles W. Keppler, commander; Capt. E. D. Hadley, recorder.
Kansas—Maj. William W. Martin, commander; Capt. Lewis Mayo, recorder.
Maine—Assistant Surgeon Alfred Mitchell, commander; Henry S. Burrage, recorder.
Maryland—Maj. Eric Bergland, commander; Lieut. Joseph J. Janney, recorder.
Massachusetts—Maj. Edgar J. Sherman, commander; Lieut. Charles H. Porter, recorder.
Michigan—Surgeon J. D. Griswold, commander; Gen. F. W. Swift, recorder.
Minnesota—Capt. William H. Herries, commander; Lieut. D. L. Kingsbury, recorder.
Missouri—Brig.-Gen. Samuel L. Woodward, commander; Capt. W. R. Hodges, recorder.
Nebraska—Capt. W. H. Riggs, commander; Lieut. Frank B. Bryant, recorder.
New York—Maj. J. Langdon Ward, commander; Paymaster A. N. Blakeman, recorder.
Ohio—Maj. James H. Foley, commander; Maj. W. R. Thrall, recorder.
Oregon—Brig.-Gen. John M. Bacon, commander; Capt. Gavin E. Caukin, recorder.
Pennsylvania—Bvt. Lieut.-Col. Edwin A. Gandell, commander; Bvt. Lieut.-Col. John P. Nicholson, recorder.
Vermont—First Lieut. Joseph H. Goulding, commander; Bvt. Capt. Henry O. Wheeler, recorder.
Washington—Capt. Webber S. Seavey, commander; Walter B. Beals, recorder.
Wisconsin—Lieut.-Gen. Arthur MacArthur, commander; — — ———, recorder.

SONS OF VETERANS, U. S. A.

NATIONAL OFFICERS, 1910-1911.

Commander-in-Chief—Fred E. Bolton, Boston, Mass.
Senior Vice-Commander-in-Chief—Edwin C. Irelan, Baltimore, Md.
Junior Vice-Commander-in-Chief—Frank M. Cunningham, Atlantic City, N. J.
Council-in-Chief—H. V. Speelman, Cincinnati, O.; Fred J. Phillips, Chicago, Ill.; Charles F. Sherman, Mount Vernon, N. Y.
Secretary (holdover)—H. H. Hammer, Reading, Pa.
Treasurer (holdover)—J. L. Rake, Reading, Pa.
Inspector—T. W. Allen, Indianapolis, Ind.
Chaplain—Rev. Herbert C. Dana, East Providence, R. I.
Counselor—Alfred C. Baldwin, Derby, Conn.
Editor The Banner—William G. Dustin, Dwight, Ill.

DIVISION OF ILLINOIS.

Commander—H. C. Springston, Peoria.
Secretary-Treasurer—William G. Dustin, Dwight.

ILLINOIS STATE CAMP NO. 100.

Officers, 1910-1911.

Commander—Guy Guernsey, Chicago.
Senior Vice-Commander—George B. Holmes, Chicago.
Secretary-Treasurer—Ira J. Sexton, Flossmoor.

OBJECT.

To perpetuate the memory and history of the heroic deeds of the soldiers, sailors and marines of the civil war, the proper observance of Memorial day, to inculcate patriotism and love of country and to secure an emulation among the younger generation of the heroic loyalty of their soldier fathers. Membership is confined to lineal male descendants of honorably discharged union soldiers, sailors or marines in the civil war.

ARMY OF THE PHILIPPINES.

Commander-in-Chief—A. H. Anderson, Pittsburg, Pa.
Vice-Commander—W. H. Keating, Oskaloosa, Iowa.
Junior Vice-Commanders—Leon Lambert, Manila, P. I.; H. L. Wells, St. Louis, Mo.; F. E. Krembs, St. Paul, Minn.; Charles F. Manahan, Chicago; Charles L. Means, Denver
Paymaster-General—J. W. Groggin, Chicago, Ill.
Judge Advocate-General—S. W. Latimer, Galesburg, Ill.
Surgeon-General—J. C. Rutledge, Detroit, Mich.
Chaplain—S. J. Smith, Manila, P. I.

NAVY LEAGUE OF THE UNITED STATES.

President—Gen. Horace Porter.
Vice-President—Truman H. Newberry.
Counsel—Herbert L. Satterlee.
Treasurer—J. P. Morgan, Jr., 23 Wall street, New York, N. Y.
Secretary—Henry H. Ward, 1808 I street, N. W., Washington, D. C.

AMERICAN VETERANS OF FOREIGN SERVICE.

Organized Sept. 14, 1903.

NATIONAL OFFICERS.

Commander—J. Alfred Judge, Philadelphia, Pa.
Senior Vice-Commander—Thomas Devine, Pittsburg, Pa.
Junior Vice-Commander—R. L. Landis, 509 North 4th street, Harrisburg, Pa.
Adjutant-General—Rudy Borneman, 38 Zabriskie street, Jersey City, N. J.
Quartermaster-General—A. D. Schaefer, Paterson, N. J.
Judge-Advocate General—Robert G. Woodside, Pittsburg, Pa.
Surgeon-General—A. B. Gloninger, Lebanon, Pa.
Chaplain—John Faid, Jr., Baltimore, Md.
Organizer—J. J. Lang, Philadelphia, Pa.
Posts, 29; members, 4,000.

AMERICAN FLAG-DAY ASSOCIATION.

NATIONAL OFFICERS.

President—Dr. B. J. Cigrand.
Vice-President—A. J. Loranger.
Secretary—Mrs. Julia A. Ellis.
Treasurer—A. C. McMurtry.
Attorney—E. M. Seymour.
Chaplain—The Rev. W. B. Leach.
Musical Director—Prof. William Stein.
Historian—Mrs. Ophelia L. Blair.
Sentinel—M. O. Lawrence.
All of the officers are residents of Chicago.

ILLINOIS STATE OFFICERS.

President—Mrs. Mattie Crawford.
First Vice-President—Mrs. Julia L. Wood.
Second Vice-President—Marion Vanderburgh.
Third Vice-President—Mary Reynolds.
Fourth Vice-President—Mrs. Lamney.
Fifth Vice-President—Charles C. Smith.
Secretary—Mamie Stamp, 3853 Langley avenue.
Treasurer—A. C. McMurtry, 2342 Lincoln avenue.
Regular meetings first and third Monday of each month at Great Northern hotel.

WHITE HOUSE EXPENSES FOR ONE YEAR (1909).

President's salary	$75,000	For care of grounds	5,000
Secretaries, clerks, etc.	69,920	Fuel for white house and stables	6,000
Contingent fund	25,000	Care of greenhouse	9,000
Traveling expenses	25,000	Repairs to greenhouse	3,000
For vehicles, stables, etc.	35,000	Printing	2,000
For additional improvements to white house	40,000	Lighting white house and public grounds	19,500
For furnishings, draperies, etc.	15,000	Total	$329,420

WEDDING ANNIVERSARIES.

First—Cotton.
Second—Paper.
Third—Leather.
Fifth—Wooden.
Seventh—Woolen.
Tenth—Tin.
Twelfth—Silk and fine linen.
Fifteenth—Crystal.
Twentieth—China.
Twenty-fifth—Silver.
Thirtieth—Pearl.
Fortieth—Ruby.
Fiftieth—Golden.
Seventy-fifth—Diamond.

ESTIMATED TRUE VALUE OF PROPERTY IN THE UNITED STATES (1904).

[Report of census bureau.]

State or territory.	Total.	Real property and improvements.*	Live stock.	Farm implements and machinery.	Mfg. machinery, tools and implements.	Gold and silver coin and bullion.
Maine	$775,622,722	$421,690,961	$26,203,025	$9,242,856	$40,223,927	$14,053,983
New Hampshire	516,809,204	272,629,666	16,046,227	5,421,244	26,518,039	8,203,172
Vermont	360,330,089	194,931,444	22,585,624	7,915,414	14,304,651	6,726,289
Massachusetts	4,956,578,913	3,243,498,159	35,986,572	9,270,398	239,267,199	71,662,525
Rhode Island	799,349,601	523,417,256	5,604,873	1,333,784	58,140,761	10,218,578
Connecticut	1,414,635,063	850,340,718	17,451,207	5,195,715	98,683,323	20,391,447
New England	8,823,325,592	5,506,508,204	123,877,528	38,379,411	477,137,900	131,255,994
New York	14,769,042,207	9,151,979,081	189,662,043	58,806,300	486,774,713	412,832,428
New Jersey	3,235,619,973	1,900,273,091	32,319,327	9,796,532	180,212,427	40,863,293
Pennsylvania	11,473,620,306	6,591,055,583	160,190,227	54,175,943	515,945,638	168,383,753
Southern N. Atlantic	29,478,282,486	17,643,307,755	382,171,597	122,778,775	1,182,932,778	622,079,474
North Atlantic division	38,301,608,078	23,149,815,959	506,049,125	161,158,186	1,660,070,678	753,335,468
Delaware	230,260,976	134,431,240	6,553,949	2,287,336	12,471,865	3,735,338
Maryland	1,511,488,172	904,469,735	31,397,196	9,176,116	54,750,990	27,193,340
District of Columbia	1,040,383,173	830,244,062	1,050,000	142,863	7,668,599	7,216,326
Virginia	1,287,970,180	674,544,741	53,776,806	10,985,397	36,040,103	35,570,489
West Virginia	840,000,149	364,305,954	36,387,109	5,786,402	25,466,119	19,260,508
Northern S. Atlantic	4,910,102,650	2,907,995,732	129,165,060	28,378,114	136,397,676	92,976,001
North Carolina	842,072,218	399,567,905	48,658,045	10,331,877	42,238,322	35,669,724
South Carolina	585,853,222	252,766,767	31,457,603	7,412,083	48,144,618	24,891,557
Georgia	1,167,445,671	563,155,476	57,293,670	11,153,042	46,756,710	42,509,939
Florida	431,409,200	223,396,227	15,528,803	2,338,576	10,428,895	11,374,000
Southern S. Atlantic	3,026,780,311	1,438,886,375	152,938,121	31,235,578	147,568,545	114,445,220
South Atlantic division	7,936,882,961	4,346,882,107	282,103,181	59,613,692	283,966,221	207,421,221
Ohio	5,946,969,466	3,383,834,608	173,847,240	38,549,941	216,947,620	90,599,335
Indiana	3,105,781,739	1,760,058,958	151,798,200	29,374,682	84,079,065	52,137,773
Illinois	8,816,556,191	5,468,492,926	268,731,540	48,593,486	227,543,320	150,074,503
Michigan	3,282,419,117	2,019,296,499	123,265,031	31,363,928	87,255,370	52,261,341
Wisconsin	2,838,678,239	1,682,068,672	131,790,769	32,347,828	87,122,618	44,588,626
Eastern North Central	23,990,404,752	14,313,751,654	849,432,780	180,229,865	702,947,993	389,661,578
Minnesota	3,343,722,076	1,982,552,889	126,353,319	35,673,607	45,121,997	35,947,501
Iowa	4,048,516,076	2,491,273,897	335,681,475	64,498,622	30,413,593	44,450,260
Missouri	3,759,597,451	2,233,765,544	204,030,528	32,137,971	92,524,919	82,726,049
North Dakota	735,802,909	371,303,432	65,582,944	18,260,984	1,910,251	7,930,310
South Dakota	679,840,939	381,435,856	89,192,677	13,841,321	2,723,430	8,290,763
Nebraska	2,009,563,633	1,086,579,628	188,527,537	27,125,233	24,803,815	21,728,589
Kansas	2,253,224,243	1,135,004,695	228,644,982	31,967,789	21,425,718	30,775,625
Western N. Central	16,830,267,327	9,681,915,441	1,238,013,462	223,505,527	218,923,723	235,849,097
North Central division	40,820,672,079	23,995,667,095	2,087,446,242	403,735,392	921,871,716	625,510,675
Kentucky	1,527,486,230	859,247,997	91,489,357	17,682,829	30,907,185	41,372,698
Tennessee	1,104,223,979	557,504,977	76,205,984	17,413,988	24,108,906	39,275,807
Alabama	965,014,261	446,747,512	50,746,958	10,251,443	42,387,488	35,095,727
Mississippi	688,249,022	279,513,715	66,718,297	11,326,725	19,093,957	28,898,636
Eastern S. Central	4,284,973,492	2,143,014,201	285,160,596	56,674,985	116,497,536	144,642,868
Louisiana	1,032,229,006	489,295,161	45,000,956	32,623,258	48,584,306	31,828,795
Arkansas	803,907,972	397,239,116	54,956,832	10,237,570	15,869,560	24,550,073
Indian Territory	459,021,355	216,761,600	49,026,248	7,878,960	2,276,402	8,827,829
Oklahoma	636,013,700	358,088,178	72,617,501	13,146,030	3,649,170	9,867,165
Texas	2,836,322,003	1,554,714,941	286,691,300	37,379,975	43,462,409	63,820,940
Western S. Central	5,767,494,036	3,016,098,996	508,292,837	101,265,793	113,841,847	138,894,802
South Central division	10,052,467,528	5,159,113,197	793,453,433	157,940,778	230,339,383	283,537,670
Montana	746,311,213	328,554,427	53,168,425	5,321,317	7,842,513	6,967,216
Idaho	342,871,863	147,771,554	25,944,298	4,781,769	3,313,940	3,800,525
Wyoming	329,572,241	131,628,903	35,965,009	1,785,089	986,456	2,160,996
Colorado	1,207,542,107	637,662,744	57,362,874	5,352,441	44,520,856	15,828,519
New Mexico	332,262,650	154,644,570	30,294,584	1,272,299	1,638,826	3,920,371
Rocky Mountain	2,958,560,074	1,400,262,198	202,735,190	18,512,915	58,302,591	32,677,627
Arizona	306,302,305	156,425,691	16,582,642	1,134,026	3,598,484	2,970,628
Utah	487,768,615	258,595,674	20,435,227	3,598,244	8,470,645	6,331,183
Nevada	220,734,507	122,296,975	14,917,223	971,729	717,016	930,195
Basin and plateau	1,014,805,427	537,318,340	51,935,092	5,703,999	12,786,145	10,232,006
Washington	1,051,671,432	546,503,248	30,620,408	7,530,973	32,069,434	13,793,355
Oregon	852,053,232	541,457,965	36,011,028	7,461,912	13,655,213	11,625,311
California	4,115,491,106	2,664,472,025	83,438,037	23,332,016	84,692,799	60,469,970
Pacific	6,019,215,770	3,752,433,238	150,069,473	38,324,901	130,417,446	85,888,636
Western division	9,992,581,271	5,690,013,776	404,739,755	62,541,815	201,506,182	128,798,269
Continental U. S.	107,104,211,917	62,341,492,134	4,073,791,736	844,989,863	3,297,754,180	1,998,603,303

*Exclusive of railroads and telegraph and telephone systems, which in certain states are classed as real property.

ESTIMATED TRUE VALUE OF PROPERTY.—CONTINUED.

State or territory.	Railroads and their equipment.	Str't railways, ship'g. water-works, etc.*	All other.†	Total all property, 1900.	Total land area, 1904.	Estimated population. June 1, 1904.
Maine	$80,146,000	$46,063,744	$137,998,226	$682,133,741	19,132,800	707,818
New Hampshire	79,786,000	19,242,930	88,961,926	472,145,849	5,779,840	425,612
Vermont	37,311,000	8,999,352	67,556,315	329,916,808	5,839,360	348,129
Massachusetts	250,052,000	270,487,699	836,354,361	4,358,903,855	5,144,960	2,964,013
Rhode Island	25,719,000	37,854,869	137,060,480	710,564,856	682,880	469,776
Connecticut	105,369,000	67,243,242	249,960,411	1,198,753,767	3,084,800	973,284
New England	578,383,000	449,891,836	1,517,891,719	7,752,418,866	39,664,640	5,888,632
New York	898,222,000	1,151,475,505	2,419,290,137	12,505,330,137	30,498,560	7,907,625
New Jersey	333,568,000	204,130,498	534,456,805	2,733,593,134	4,808,960	2,092,048
Pennsylvania	1,420,608,000	570,452,043	1,992,809,119	9,315,140,116	28,692,480	6,719,715
Southern N. Atlantic	2,652,398,000	1,926,058,046	4,946,556,061	24,554,063,387	64,000,000	16,719,388
North Atlantic division	3,230,781,000	2,375,949,882	6,464,447,780	32,306,482,253	103,664,640	22,608,020
Delaware	17,285,000	13,565,926	39,930,322	211,711,483	1,257,600	191,231
Maryland	132,342,000	96,234,840	255,923,955	1,317,372,958	6,362,240	1,246,304
District of Columbia	5,578,000	45,656,083	142,827,240	928,739,773	38,400	298,050
Virginia	211,315,000	40,996,199	224,741,445	1,102,309,696	25,767,680	1,933,464
West Virginia	201,799,000	24,523,954	162,471,103	659,652,551	15,374,080	1,037,204
Northern S. Atlantic	568,319,000	220,977,002	825,894,065	4,219,786,461	48,800,000	4,706,253
North Carolina	113,146,000	18,584,305	173,876,040	681,982,120	31,193,600	2,004,154
South Carolina	75,500,000	18,697,576	126,983,018	485,678,048	19,516,800	1,415,984
Georgia	156,603,000	49,070,561	240,903,273	936,000,450	37,584,000	2,367,923
Florida	80,467,000	16,543,541	71,332,158	355,742,969	35,111,040	591,667
Southern S. Atlantic	425,716,000	102,895,983	613,094,489	2,459,403,587	123,405,440	6,379,728
South Atlantic division	994,035,000	323,872,985	1,438,988,554	6,679,190,048	172,205,440	11,085,981
Ohio	689,797,000	329,196,716	1,024,197,006	5,019,004,453	26,073,600	4,351,633
Indiana	375,541,000	110,075,967	542,716,094	2,606,493,004	22,966,400	2,646,086
Illinois	805,057,000	327,591,493	1,520,471,923	6,976,476,400	35,841,280	5,219,630
Michigan	277,597,000	131,580,197	559,799,760	2,654,281,523	36,787,200	2,530,016
Wisconsin	284,510,000	84,979,252	491,270,474	2,405,354,427	35,363,840	2,196,967
Eastern N. Central	2,432,502,000	983,423,625	4,138,455,257	19,661,609,807	157,032,320	16,944,332
Minnesota	466,734,000	126,062,305	521,276,958	2,513,620,826	51,249,120	1,934,208
Iowa	344,847,000	69,812,758	667,538,471	3,367,869,054	35,575,040	2,214,411
Missouri	309,768,000	160,379,067	644,265,373	3,244,532,987	43,985,280	3,277,657
North Dakota	123,390,000	7,553,034	139,871,954	542,380,565	44,917,120	415,571
South Dakota	49,646,000	7,299,617	127,411,275	552,732,580	49,195,520	444,462
Nebraska	263,170,000	32,291,637	365,337,194	1,626,203,203	49,157,120	1,067,756
Kansas	356,356,000	40,497,826	408,551,608	1,938,000,363	52,335,360	1,535,160
Western N. Central	1,913,911,000	443,896,244	2,874,252,833	13,785,339,578	326,914,560	10,889,225
North Central division	4,346,413,000	1,427,319,869	7,012,708,090	33,446,949,385	483,946,880	27,833,557
Kentucky	155,772,000	59,718,312	271,295,852	1,365,130,718	25,715,840	2,262,590
Tennessee	131,166,000	47,307,134	211,241,183	956,672,000	26,679,680	2,121,856
Alabama	150,211,000	32,599,511	196,974,622	774,682,478	32,818,560	1,954,817
Mississippi	107,884,000	17,445,166	157,368,526	557,581,543	29,671,680	1,655,938
Eastern S. Central	545,033,000	157,070,123	836,880,183	3,654,066,739	114,885,760	7,995,201
Louisiana	123,401,000	59,555,883	201,939,647	815,158,003	29,061,760	1,486,841
Arkansas	124,626,000	18,761,175	157,667,646	604,218,211	33,616,000	1,384,904
Indian Territory	79,405,000	5,879,116	88,966,200	348,272,643	19,705,600	476,812
Oklahoma	78,668,000	7,566,394	92,411,262	463,307,150	24,719,360	526,275
Texas	237,718,000	69,035,770	543,498,668	2,322,151,631	167,934,720	1,373,982
Western S. Central	643,818,000	160,798,338	1,084,483,423	4,553,107,638	275,037,440	7,248,814
South Central division	1,188,851,000	317,868,461	1,921,363,606	8,207,174,377	389,923,200	15,244,015
Montana	196,209,000	18,545,064	129,703,251	613,897,157	93,296,640	283,493
Idaho	91,877,000	5,837,391	59,545,386	276,374,806	53,618,560	191,060
Wyoming	100,307,000	4,619,307	52,119,481	281,432,079	62,460,160	99,959
Colorado	198,261,000	43,889,900	204,663,773	938,170,624	66,341,120	590,280
New Mexico	86,400,000	5,895,316	48,196,184	268,285,425	78,401,920	209,322
Rocky Mountain	673,054,000	78,787,478	494,228,075	2,378,160,091	354,118,400	1,374,114
Arizona	68,356,000	5,321,067	51,913,767	263,015,492	72,857,600	136,807
Utah	90,325,000	17,732,895	82,279,747	412,656,095	52,597,760	303,137
Nevada	43,745,000	2,880,852	34,275,517	190,626,987	70,285,440	42,335
Basin and plateau	202,426,000	25,934,814	168,469,031	866,298,574	195,740,800	482,279
Washington	182,337,000	55,004,366	183,312,648	781,599,063	42,775,040	582,451
Oregon	75,661,000	29,314,747	136,866,056	632,879,729	61,188,480	451,868
California	350,694,000	206,494,307	641,897,952	3,218,573,255	99,898,880	1,593,717
Pacific	609,192,000	290,813,420	962,076,656	4,633,052,047	203,862,400	2,628,036
Western division	1,484,672,000	395,535,712	1,624,773,762	7,877,510,712	753,721,600	4,484,429
Continental U. S.	11,244,752,000	4,840,546,909	18,462,281,792	88,517,306,775	1,903,461,760	81,256,002

*Including telegraph and telephone systems, electric light and power stations, Pullman and private cars, and canals. †Including products of agriculture, manufactures and mining; imported merchandise; clothing and personal adornments, and furniture, carriages and kindred property.

IMMIGRATION INTO THE UNITED STATES.

Fiscal years ended June 30.

COUNTRY.	1910.			1909.		
	Male.	Female.	Total.	Male.	Female.	Total.
Austria	95,124	40,669	135,793	49,937	30,916	80,853
Hungary	89,874	33,070	122,944	63,651	25,687	89,338
Belgium	3,750	1,652	5,402	2,424	1,268	3,692
Bulgaria, Servia, Montenegro	4,545	192	4,737	966	88	1,054
Denmark	4,582	2,402	6,984	2,796	1,599	4,395
France	4,220	3,163	7,383	3,760	2,912	6,672
German empire	18,577	12,706	31,283	14,948	10,592	25,540
Greece	23,594	2,294	25,888	12,802	1,309	14,111
Italy	168,264	47,273	215,537	147,383	35,635	183,218
Netherlands	4,831	2,703	7,534	2,818	1,680	4,498
Norway	11,544	5,994	17,538	8,601	5,026	13,627
Portugal	5,285	2,844	8,229	3,183	1,773	4,956
Roumania	1,160	985	2,145	778	812	1,590
Russian empire and Finland	124,815	61,977	186,792	77,997	42,463	120,460
Spain	2,804	668	3,472	2,081	585	2,616
Sweden	16,169	7,576	23,745	8,967	5,507	14,474
Switzerland	2,253	1,280	3,533	1,716	978	2,694
Turkey in Europe	17,480	925	18,405	8,680	335	9,015
United Kingdom—England	28,078	18,628	46,706	19,080	13,729	32,809
Ireland	15,667	14,188	29,855	11,962	13,071	25,033
Scotland	12,596	7,519	20,115	7,611	4,789	12,400
Wales	1,400	720	2,120	968	616	1,584
Europe, not specified	135	16	151	38	8	46
Total Europe	656,847	269,444	926,291	453,297	201,578	654,875
Chinese empire	1,749	219	1,968	1,773	170	1,943
Japan	828	1,892	2,720	1,291	1,820	3,111
India	1,651	45	1,696	164	39	203
Turkey in Asia	12,239	2,973	15,212	5,792	1,714	7,506
Other Asia	1,356	581	1,937	112	29	141
Total Asia	17,823	5,710	23,533	9,132	3,772	12,904
Africa	735	337	1,072	591	267	858
Australia, Tasmania, New Zealand	662	336	998	541	288	829
Pacific islands, not specified	84	15	99	40	13	53
British North America	37,994	18,561	56,555	36,206	15,735	51,941
British Honduras	13	10	23	20	22	42
Other Central America	648	222	870	660	228	888
Mexico	12,320	6,371	18,691	10,638	5,613	16,251
South America	1,611	540	2,151	1,395	511	1,906
West Indies	7,267	3,977	11,244	7,420	3,760	11,180
Other countries	34	9	43	29	20	49
Grand total	736,038	305,532	1,041,570	519,969	231,817	751,786

IMMIGRATION BY MONTHS.

Fiscal year ended June 30, 1910.

July	66,218	November	85,049	February	57,980
August	59,777	December	68,711	March	136,745
September	67,619	January	50,242	April	135,052
October	75,608				

May	133,544
June	105,025
Total	1,041,570

IMMIGRATION SINCE 1871.

Years ended June 30.

1871	321,350	1879	177,826	1887	490,109	1895	258,536
1872	404,806	1880	457,257	1888	546,889	1896	343,267
1873	459,803	1881	669,431	1889	444,427	1897	230,832
1874	313,339	1882	788,992	1890	455,302	1898	229,299
1875	227,498	1883	603,322	1891	560,319	1899	311,715
1876	169,986	1884	518,592	1892	623,084	1900	448,572
1877	141,857	1885	395,346	1893	502,917	1901	487,918
1878	138,469	1886	334,203	1894	285,631	1902	648,743

1903	857,046
1904	815,361
1905	1,026,499
1906	1,100,735
1907	1,285,349
1908	782,870
1909	751,786
1910	1,041,570

The total recorded immigration into the United States since the organization of the government is 27,894,233 persons.

DESTRUCTIVE FOREST FIRES IN 1910.

Forest fires involving the loss of many lives and the destruction of much property occurred in Wisconsin, Minnesota, Idaho, Montana, Oregon, Washington, Manitoba and British Columbia in 1910. As early as May 11 fires in northern Wisconsin and Minnesota destroyed thousands of acres of standing timber. They continued through June and July and many towns had narrow escapes from being wiped out. The village of Heineman, Wis., was the only one, however, that met that fate. In British Columbia the aggregate loss from forest fires in July was not less than $2,000,000.

In the second and third weeks of August great forest fires raged in northern Idaho, western Montana and eastern Oregon and Washington. Many forest rangers, settlers and villagers were trapped by the flames and perished, but the exact number will probably never be known. According to figures compiled in Spokane, Wash., Aug. 25, the victims then numbered 203. They were distributed as follows: United States fire fighters in and near Idaho, 86; Montana, deaths, 13; at Newport, Wash., 3; at Wallace, Idaho, 4; near Avery, Idaho, settlers, 47; at Mullen, Idaho, 2; at Spokane, Wash., 1; on Big Creek, Idaho, 47. No attempt was made to estimate the financial loss, but it certainly amounted to many millions of dollars in timber alone.

In the Rainy river district, on both sides of the boundary line between Minnesota and Manitoba, forest fires devastated a large district during the first week in October. The flames were fanned by a gale and probably about 100 farmers and villagers were burned to death, while many more were made totally destitute. The villages of Beaudette and Spooner and several large sawmills were burned. Millions of dollars' worth of timber was destroyed.

Sporting Records.

Corrected to Dec. 1, 1910.

AMATEUR ATHLETIC RECORDS.

CENTRAL WEST.

[Compiled by Martin B. Herbert, official handicapper Central association of the A. A. U.]

35-yard run—:04,* Clyde A. Blair, University of Chicago gymnasium, Feb. 22, 1902, and May 8, 1902; also University of Wisconsin gymnasium, Madison, Wis., March 16, 1902; also W. Hogenson, University of Chicago, and Frank Waller, University of Wisconsin, at University of Wisconsin gymnasium, Madison, Wis., March 18, 1905.

40-yard run—:04⅘, L. Gertinrich, 1st regiment armory, Chicago, Jan. 22, 1898; James Wasson, Notre Dame, Ind., March 19, 1910 (equals world's record); :04⅘,* C. Bell and E. C. English, Notre Dame, Ind., March 9, 1901; William Borden, 1st regiment armory, Chicago, March 30, 1901; Clyde A. Blair, 1st regiment armory, Chicago, Feb. 6, 1902; Walter Eckersall, at 1st regiment armory, Chicago, Feb. 28, 1903; Archie Hahn, at Ann Arbor, Mich., May 15, 1902; also E. D. Staples, Notre Dame, Ind., at Notre Dame university gymnasium, March 15, 1902.

45-yard run—:05⅕, Clyde Blair and Victor Rice, at University of Chicago gymnasium, Feb. 13, 1904.

50-yard run—:05⅘,* C. Bell, Coliseum, St. Louis, Mo., March 8, 1902; Walter Eckersall, Cincinnati, O., Feb. 26, 1903; Victor Rice, at University of Chicago gymnasium, Feb. 20, 1904.

60-yard run—:06⅘, James Wasson, University of Notre Dame, Auditorium, Milwaukee, Wis., March 12, 1910.

75-yard run—:07⅗, Archie Hahn, Milwaukee A. C., at Milwaukee Exposition building, March 11, 1905, in trial and final heats.

100 yards—:09⅘, J. H. Rush, C. A. A., Parkside field, Chicago, June 18, 1898; C. W. Stage, Cleveland A. C., at Cleveland, O., Sept. 2, 1893; J. V. Crum, Chicago A. A., at Chicago, June, 15, 1895.

150 yards—:17, C. S. Borden, Tattersall's, Chicago, March 5, 1898.

220-yard run—:21⅘, G. C. Poage, University of Illinois field, straightaway path, Champaign, Ill., May 16, 1902.

300-yard run—:33⅘, Harry H. Bascom, Chicago Hyde Park high school, Tattersall's, Chicago, March 5, 1898.

440-yard run—:49⅘, G. C. Poage, University of Illinois field, third of a mile path, Champaign, Ill., May 16, 1902; :49⅘, Ed Merrill, Marshall field, quarter of a mile path, Chicago, Ill., June 1, 1901.

600 yard run—1:15⅘, G. C. Holland, Coliseum, 63d street, Chicago, May 12, 1897.

880-yard run—1:57, J. D. Lightbody, University of Chicago, at Ann Arbor, Mich., May 20, 1905.

1,000-yard run—2:36, C. McCully, University of Illinois, Champaign, Dec. 14, 1902.

1-mile run—4:25, J. D. Lightbody, University of Chicago, at Marshall field, Chicago, June 3, 1905.

2-mile run—9:50, F. A. Rowe, University of Michigan, at Marshall field, Chicago, June 3, 1905.

1-mile walk—6:46⅘, W. B. Fetterman, Parkside field, Chicago, June 23, 1898; 7:00, J. Bredstein, Ravenswood field, Chicago, June 23, 1900.

40-yard hurdle race, 3 hurdles, 3 ft. 6 in. high—:05⅘, Fred G. Moloney, University of Chicago, at University of Chicago old gymnasium, Feb. 15, 1902; also M. B. Herbert, First Regiment A. A., at 1st regiment armory, March 29, 1902 (world's record).

45-yard hurdle race, 4 hurdles, 2 ft. 6 in.—:06⅘, Walter Steffen, at University of Chicago gymnasium, Feb. 27, 1904.

50-yard hurdle race, 3 hurdles, 3 ft. 6 in.—:06⅘, Mark Catlin, University of Chicago, at Bartlett gymnasium, March 4, 1905, on rubber mat; L. C. Bailey, Chicago Y. M. C. A., Cincinnati, O., March 10, 1906.

50-yard low hurdle race, 2 hurdles, 2 ft. 6 in. high—:06, Sidney Fletcher, University of Notre Dame, at Bartlett gymnasium, March 20, 1909, on rubber mat.

60-yard low hurdle race, 4 hurdles, 2 ft. 6 in. high—:07, Mark Catlin, University of Chicago, at Chicago Coliseum, March 28, 1905; W. A. Draper, Chicago A. A., at Chicago Coliseum, March 28, 1905; Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905; Frank Waller, University of Wisconsin, at Chicago Coliseum, March 28, 1905.

60-yard high hurdle race, 4 hurdles, 3 ft. 6 in.—:08, Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905.

75-yard hurdle race, 3 hurdles, 2 ft. 6 in. high—:08⅘,* Fred G. Moloney, Exposition building, Milwaukee, March 1, 1902.

75-yard hurdle race, 6 hurdles, 3 ft. 6 in. high—:09⅘,* F. W. Schule, Milwaukee A. C., at Milwaukee Exposition building, March 5, 1904.

120-yard hurdle race, 10 hurdles, 3 ft. 6 in. high—:15⅕,* A. C. Kraenzlein, Parkside field, Chicago, June 18, 1898; :15⅘, F. Smithson, University of Notre Dame, Marshall field, Chicago, June 1, 1907, strong wind on back of runner.

220-yard hurdle race, 10 hurdles, 2 ft. 6 in. high—:24⅘, Fred G. Moloney, University of Illinois field, Champaign, straightaway course, May 5, 1902; :25, M. Bockman, Marshall field, Chicago, around half circle at start, June 1, 1901.

300-yard hurdle race, 10 hurdles, 2 ft. 6 in. high—:36⅘,* A. C. Kraenzlein, Coliseum, 63d street, Chicago, May 12, 1897.

Pole vault for height—12 ft. 4⅞ in.,* Leroy Samse, University of Indiana, at conference meet, Evanston, Ill., June 3, 1906.

Running high jump—6 ft. ¼ in., I. K. Baxter, Parkside field, Chicago, June 18, 1898; J. Fuhrer, at Madison, Wis., May 21, 1904; 5 ft. 11⅛ in., Otto Kaecke, First Regiment A. A., Milwaukee, March 7, 1903.

Standing high jump—5 ft. 3½ in., Raymond C. Ewry, Lafayette, Ind., May 29, 1896.

Running broad jump—24 ft. 1 in., Frank Irons, Chicago A. A., Marshall field, Chicago, Aug. 7, 1909.

Standing broad jump—11 ft., Roy Ewry, Coliseum, 63d street, Chicago, May 12, 1897.

Putting 12-lb. shot, 7-ft. circle—56 ft. 2½ in.,* Ralph Rose, Ann Arbor, March 19, 1904.

Putting 16-lb. shot, 7-ft. circle—48 ft. 7 in.,* Ralph Rose, at Chicago, May 21, 1904.

Throwing 12-lb. hammer, 4-ft. handle over all, 7-ft. circle—185 ft. 5¼ in., Lee Talbott, manual training high school, Kansas City, Mo., at Marshall field, Chicago, June 9, 1906.

Throwing 16-lb. hammer, 4-ft. handle over all, 7-ft. circle—163 ft.. A. Plaw, Ravenswood field, Chicago, June 23, 1900; with one hand, 159 ft. 11 in., E. E. Parry, University of Chicago, at Marshall field, Chicago, June 30, 1906.

Throwing 56-lb. weight, 7-ft. circle—32 ft. 2¾ in., J. S. Mitchell, New York Athletic club, Milwaukee, Sept. 11, 1903.

Throwing the discus, 4½ lbs., throw in 7-ft. circle—140 ft. 2¾ in., J. C. Garrels, University of Michigan, at Marshall field, Chicago, June 3, 1905.

½-mile relay (4 men)—1:34, Detroit university school, at Ann Arbor, Mich., May 27, 1905.

1-mile relay (4 men)—3:26⅘, University of Chicago (H. Groman, W. Barker, R. Quigley, C. A. Blair), at Marshall field, June 3, 1905.

INDOOR RECORDS, CENTRAL ASSOCIATION, A. A. U.

[Compiled by Martin B. Herbert, official handicapper Central association.]

35-yard run—:04, Clyde A. Blair, twice at University of Chicago gymnasium, Chicago, Feb. 22, 1902, and same place May 8, 1902; also at University of Wisconsin, Madison, Wis., May 16, 1902 (all on floor); W. Hogenson, University of Chicago, and Frank Waller, University of Wisconsin, twice at Madison, Wis., March 18, 1905.

40-yard run—:04⅘, C. Bell and E. C. English, at Notre Dame, Ind., March 9, 1901, on turf; William Borden, at 1st regiment armory, Chicago, March 30, 1901, on maple floor; Clyde A. Blair, at 1st regiment armory, Chicago, Feb. 6, 1902; Archie Hahn, at University of Michigan gymnasium, Ann Arbor, Feb. 15, 1902; Walter Eckersall, Hyde Park high school, 1st regiment armory,

Chicago, Feb. 28, 1903; E. D. Staples, Notre Dame gymnasium, March 15, 1902, on turf.

45-yard run—:05⅕, Clyde Blair and V. S. Rice, University of Chicago, at Bartlett gymnasium, Chicago, Feb. 13, 1904, on rubber mat.

50-yard run—:05⅘,* Walter Eckersall, at Cincinnati, O., Feb. 26, 1903; Victor Rice, at Chicago, Feb. 20, 1904.

60-yard run—:06⅘, C. L. Parson, University of Wisconsin at Chicago Coliseum, March 28, 1906.

75-yard run—:07⅗, Archie Hahn, Milwaukee A. C., at Milwaukee Exposition building, March 11, 1905, in trial and final heat.

100-yard run—:10, A. B. Potter, at Coliseum, 63d street, Chicago, May 14, 1897, on pine floor, straight course.

150-yard run—:17, C. S. Borden, at Tattersall's, Chicago, March 5, 1898, on floor around half-circle on end.

220-yard run—:23⅕, P. J. Corcoran, at Notre Dame, Ind., March 9, 1901, on gymnasium turf course, one and one-half laps; also same place and track, E. D. Staples, Notre Dame, March 15, 1902.

300-yard run—:33⅘, Harry H. Bascom, at Tattersall's, Chicago, March 5, 1898, on floor, around circular ends.

440-yard run—:51⅘, E. J. Lindberg, Chicago Athletic association, at Auditorium, Milwaukee, March 12, 1910.

600-yard run—1:15⅘, G. G. Holland, at Coliseum, 63d street, Chicago, May 12, 1897, on pine floor.

880-yard run—1:59⅘, Harry Buechler, Chicago Y. M. C. A., at Chicago Coliseum, March 27, 1906, on pine circular banked track, 10 laps to a mile.

1,000-yard run—2:36, C. McCully, University of Illinois, at Champaign, Dec. 14, 1902, on gymnasium circular banked track.

1-mile run—4:24, J. Lightbody, University of Chicago, at Tattersall's, Chicago, March 13, 1907, on 10-lap wooden track.

2-mile run—9:56⅕, Fred Hall, University of Chicago, at Madison, Wis., March 14, 1903, gymnasium circular track.

5-mile run—27:47, John T. Armour, First Regiment A. C., at 1st regiment armory, Jan. 30, 1909, on hard floor track, 12 laps to a mile.

1-mile walk—7:06⅘, Joseph Bredstein, at Exposition building, Milwaukee, Wis., March 3, 1900, on pine floor, 11 laps.

40-yard hurdle race, 3 hurdles, 3 ft. 6 in. high—:05⅘, Fred G. Moloney, University of Chicago, at Chicago university old gymnasium, Feb. 15, 1902; also M. B. Herbert, First Regiment A. A., at 1st regiment armory, Chicago, March 29, 1902. This is world's record.

45-yard hurdle race, 4 hurdles, 2 ft. 6 in.—:06⅘, Walter Steffen, North Division high school, at University of Chicago gymnasium, Feb. 27, 1904.

50-yard hurdle race, 3 hurdles, 3 ft. 6 in. high—:06⅘, Mark Catlin, University of Chicago, at Bartlett gymnasium, March 4, 1905; L. C. Bailey, Chicago Y. M. C. A., at Cincinnati, O., March 10, 1906; W. B. LaZear, Chicago Athletic association, in Bartlett gymnasium, Chicago, April 4, 1908.

50-yard low-hurdle race, 3 hurdles, 2 ft. 6 in. high—:06, Sidney Fletcher, University of Notre Dame, at Bartlett gymnasium, March 20, 1909, on rubber mat.

60-yard high-hurdle race, 4 hurdles, 3 ft. 6 in. high—:08, W. W. Taylor, Hyde Park high school, at 7th regiment armory (Tattersall's), April 26, 1906; Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905.

60-yard low-hurdle race, 4 hurdles, 2 ft. 6 in. high—:07, Mark Catlin, University of Chicago, at Chicago Coliseum, March 28, 1905; Walter Steffen, First Regiment A. A., at Chicago Coliseum, March 28, 1905; Frank Waller, University of Wisconsin, at Chicago Coliseum, March 28, 1906.

75-yard high-hurdle race, 6 hurdles, 3 ft. 6 in. high—:09⅘, W. F. Schule, at Milwaukee Exposition building, March 5, 1904.

75-yard low-hurdle race, 3 hurdles, 2 ft. 6 in. high—:08⅘, Fred G. Moloney, at Exposition building, Milwaukee, Wis., March 1, 1902, on pine floor.

300-yard hurdle race, 10 hurdles, 2 ft. 6 in. high—:36⅘, A. Kraenzlein, at Coliseum, 63d street, Chicago, May 12, 1897, on pine floor.

Pole vault for height—12 ft. 2 in., C. S. Jacobs, University of Chicago, at Bartlett gymnasium, March 20, 1909.

Standing high jump—5 ft. 3 in., Raymond C. Ewry, at Coliseum, 63d street, Chicago, May 12, 1897.

Running high jump—6 ft. ¼ in., L. Miller, University of Indiana, at Bartlett gymnasium, April 4, 1908.

Standing broad jump—11 ft., Raymond C. Ewry, Coliseum, 63d street, Chicago, May 13, 1897.

Running broad jump—22 ft. 7¾ in., Frank C. Irons, C. A. A., at Notre Dame, Ind., March 13, 1909, in gymnasium, on turf.

Putting 12-lb. shot, 7-ft. circle—46 ft. 3 in., Garry Williamson, Morgan Park academy, at Chicago Coliseum, March 28, 1906.

Putting 16-lb. shot, 7-ft. circle—48 ft. 5 in., Ralph Rose, Chicago A. A., at Milwaukee Exposition building, March 11, 1905.

Throwing discus, 4½ lbs., 7-ft. circle—99 ft. 6 in., J. Mitchell, Coliseum, 63d street, Chicago, May 12, 1897.

1-mile relay (4 men)—3:30⅘, Chicago Y. M. C. A. (C. Johnson, George Lundell, Ed Larson, Q. H. Powell), at Milwaukee Exposition building, circular ends banked pine track.

*American amateur records.

HIGH-SCHOOL RECORDS.

Best performances by Cook county athletes in championship contests, 1890-1910. Data compiled by M. B. Herbert, handicapper Central association, A. A. U.

50-yard run—:05⅘, W. Merrill, Englewood, at Marshall field, May 27, 1905, and F. Kuhn, Wendell Phillips, at Marshall field, June 20, 1908.

100-yard run—:10⅕, W. Merrill, Englewood, at Marshall field, May 27, 1905; also F. Kuhn, Wendell Phillips, at Marshall field, June 15, 1907.

220-yard run—:22⅘, J. Martin, Oak Park, at Marshall field, June 20, 1908.

440-yard run—:53⅘, J. L. Barker, Evanston, at Ravenswood, June 14, 1902; A. W. Bohnsack, Lake View, at Marshall field, June 16, 1906.

880-yard run—2:04⅘, T. Timblin, McKinley, at Marshall field, June 15, 1907.

1-mile run—4:43⅕, Robert Brown, Evanston, at Ravenswood, June 9, 1900.

½-mile walk—3:38, L. J. Byrne, Englewood, at Marshall field, June 24, 1899.

120-yard high hurdles—:16, R. Deming, Oak Park, at Marshall field, June 20, 1908.

220-yard low hurdles—:26⅘, R. Deming, Oak Park, at Marshall field, June 20, 1908.

Pole vault—11 ft. 3 in., C. Morris, Englewood, at Marshall field, June 24, 1904.

Running high jump—5 ft. 8½ in., E. E. Quantrell, Northwest Division, at Ravenswood, June 15, 1901.

Running broad jump—21 ft. 9 in., Harrison, Crane, at Marshall field, May 27, 1905.

Putting 16-lb. shot—33 ft. 8½ in., W. L. Sheppard, Hyde Park, at 35th street and Wentworth avenue, June 16, 1894.

Putting 12-lb. shot—45 ft. 6 in., E. Wilson, University high, at Marshall field, June 20, 1908.

Throwing 12-lb. hammer—154 ft., W. Hales, Oak Park, at De Paul university field, June 5, 1909.

Throwing the discus—111 ft. 2 in., P. Lunde, Lake View, at Marshall field, June 15, 1907.

½-mile relay (4 men)—1:36⅘, Wendell Phillips, at Marshall field, May 27, 1905.

1-mile relay (4 men)—3:39, North Division (A. Sheying, X. Vigeant, H. Wallace, G. Vigeant), at Marshall field, June 15, 1907.

WESTERN INTERCOLLEGIATE CHAMPIONSHIPS.

Champaign, Ill., June 4, 1910.

100-yard dash—Nelson, Washington, :10⅘.
220-yard dash—Nelson, Washington, :21⅘.
440-yard run—Davenport, Chicago, :48⅘.
880-yard run—Davenport, Chicago, 1:56⅘.
1-mile run—Baker, Oberlin, 4:20⅘.
2-mile run—Baker, Oberlin, 9:50.
120-yard hurdles—Edwards, California, :14⅘.
220-yard hurdles—Fletcher, Notre Dame, :25⅘.
High jump—French, Kansas, 6 ft. ⅝ in.
Broad jump—Wasson, Notre Dame, 22 ft. 11 in.
Pole vault—Murphy, Illinois, 12 ft. 4¼ in.
16-lb. hammer—Wooley, Leland Stanford, 139 ft. 5 in.

16-lb. shot-put—Philbrook, Notre Dame, 42 ft. 6 in.
1-mile relay—Leland Stanford, 3:23⅕.
Discus—Philbrook, Notre Dame, 134 ft. 6½ in.
Summary of points—Notre Dame, 29; Leland Stanford, 17; Chicago, 13; Illinois, 12; California, 12; Washington, 10; Oberlin, 10; Wisconsin, 9; Minnesota, 5; Kansas, 5; Colorado, 3; Purdue, 3; Iowa, 3; Western Reserve, 2; Miami, 1; South Dakota, 1.

WESTERN INTERCOLLEGIATE RECORDS.

100-yard dash—:09⅘, Blair, Chicago, 1903, and W. W. May, Illinois, 1907 and 1908.
220-yard dash—:21⅘, Hahn, Michigan, 1903.
440-yard run—:48⅘, Davenport, Chicago, 1910.
880-yard run—1:56⅘, Davenport, Chicago, 1910.
1-mile run—4:20⅘, Baker, Oberlin, 1910.
2-mile run—9:50, Rowe, Michigan, 1905.
120-yard hurdles—:15⅘, F. G. Moloney, Chicago, 1902.
220-yard hurdles—:24⅘, Fletcher, Notre Dame, 1910.
High jump—6 ft. ⅝ in., French, Kansas, 1910.
Broad jump—23 ft. ¾ in., Friend, Chicago, 1905.
Pole vault—12 ft. 4⅞ in., Samse, Indiana, 1906.
16-lb. hammer—157 ft. 1 in., Thomas, Purdue, 1904.
16-lb. shot—47 ft. ¼ in., Rose, Michigan, 1904.
Discus—140 ft. 2⅜ in., Garrels, Michigan, 1905.

EASTERN INTERCOLLEGIATE CHAMPIONSHIPS.

Franklin field, Philadelphia, Pa., May 28, 1910.
100-yard dash—Ramsdell, Pennsylvania, :10.
220-yard dash—Craig, Michigan, :21⅕ (equals world's record).
440-yard run—Reidpath, Syracuse, :50.
880-yard run—Whiteley, Princeton, 1:57.
1-mile run—Taylor, Cornell, 4:23⅘.
2-mile run—T. S. Berna, Cornell, 9:40⅘.
120-yard hurdles—Chisholm, Yale, :16.
220-yard hurdles—Gardner, Harvard, :24⅗.
High jump—Burdick, Pennsylvania, 6 ft. 1 in.
Broad jump—Roberts, Amherst, 22 ft. 7¼ in.
Polt vault—Nelson, Yale, 12 ft. 4⅜ in. (new record).
16-lb. hammer—Cooney, Yale, 152 ft. 5 in.
16-lb. shot-put—Horner, Michigan, 46 ft. 4½ in.
Summary of points—Pennsylvania, 27½; Yale, 25½; Michigan, 20; Princeton, 17; Cornell, 14; Harvard, 13½; Syracuse, 8; Amherst, 6; Brown, 3; Dartmouth, 3; Columbia, 2½; New York university, 1; Bowdoin, 1; Wesleyan, 1.

EASTERN INTERCOLLEGIATE RECORDS.

100-yard dash—:09⅘, A. F. Duffey, Berkeley oval, New York, May 25, 1902.
220-yard dash—:21⅕, R. C. Craig, Michigan, 1910.
440-yard run—:48⅘, Taylor, Pennsylvania, 1907.
880-yard run—1:56, E. B. Parsons, Yale, 1905.
1-mile run—4:17⅘, Paull, Pennsylvania, 1909.
2-mile run—9:26⅘, T. S. Berna, Cornell, 1910.
120-yard hurdles—:15⅕, Garrels, Michigan, 1907, and Shaw, Dartmouth, 1908.
220-yard hurdles—:23⅘, A. C. Kraenzlein, Pennsylvania, 1898.
High jump—6 ft. 3 in., J. D. Winsor, Jr., Pennsylvania, 1897.
Broad jump—24 ft. 4½ in., A. C. Kraenzlein, Pennsylvania, 1899.
Pole vault—12 ft. 4⅜ in., Nelson, Yale, 1910.
16-lb. hammer—173 ft. 6 in., Lee J. Talbot, Penn State, 1910.
16-lb. shot—46 ft. 5½ in., Kreuger, Swarthmore, 1907.
1-mile walk—6:45⅘, W. B. Fetterman, Jr., Pennsylvania, 1898.

UNIVERSITY OF CHICAGO INTERSCHOLASTIC.

The ninth annual interscholastic athletic tournament of the University of Chicago took place on Marshall field, June 11, 1910, and was won by the University high of Chicago with 23½ points. Lake Forest academy and Harvard school of Chicago tied for second place with 10 points each. Oak Park was fourth with 9 points and West Des Moines fifth with 8. Winners and records:
100-yard dash—Ingersoll, Lake Forest, :10⅘.
220-yard dash—Ingersoll, Lake Forest, :22⅘.
440-yard run (A)—Campbell, University high, :52⅕.
440-yard run (B)—Applegate, Kokomo high, :52⅘.
880-yard run (A)—O'Connell, Madison high, 2:02⅘.
880-yard run (B)—Campbell, University high, 2:03.
1-mile run—Redfern, West Des Moines high, 4:35⅘.
2-mile run—Kraft, Oak Park, 10:04.
120-yard high hurdles—Schobinger, Harvard school, :15⅘.
220-yard low hurdles—Everhard, Racine preparatory, :26⅘.
High jump—Wahl, South Division, Milwaukee, 5 ft. 10½ in.
Running broad jump—Langford, University high, 21 ft. 11¼ in.
Discus throw—Mucks, Oshkosh high, 124 ft.
12-lb. shot-put—Scruby, Longmont high, 50 ft. ½ in.
12-lb. hammer throw—Kohler, Lansing high, 163 ft. 7 in.
¼-mile relay—University high, :46⅘.
Pole-vault—Schobinger, Harvard school, 11 ft. 7½ in.

NATIONAL AMATEUR CHAMPIONSHIPS.

The annual championship contests of the Amateur Athletic Union of the United States took place in New Orleans, La., Oct. 14 and 16, 1910. The Irish-American Athletic club of New York won both the junior and senior championships, making 51 points in the junior and 49 in the senior event. In the junior championships the Chicago Athletic association was second with 17 points and the Illinois Athletic club, Chicago, third with 16 points. The standing of the teams in the senior contests was:

Teams.	Points.
Irish-American Athletic club, New York	49
New York Athletic club	48
Chicago Athletic association	18
Olympic Athletic club, San Francisco	9
Illinois Athletic club, Chicago	6
Gwyn Henry (independent), Eden, Tex.	5
St. Gregory Athletic club, Philadelphia	5
W. J. Kraemer (independent), New York	5
Irish-American Athletic club, Chicago	3
Brookline Gymnasium, Brookline, Mass.	1
F. J. Clifford (independent), Philadelphia	1
Seattle Athletic club	1
Young Men's Gymnastic club, New Orleans	1
Knights of St. Anthony, Brooklyn	1

Following is a summary of the senior events:
100-yard dash, final—Won by J. M. Rosenberger, Irish-American A. C., New York; F. V. Beiolte, Irish-American A. C., Chicago, second; W. C. Martin, Seattle A. C., third. Time, :10⅗.
880-yard run—Won by P. Gissing, N. Y. A. C.; Melvin Sheppard, Irish-American A. C., New York, second; R. J. Egan, Irish-American A. C., New York, third. Time, 2:01⅘.
440-yard run—Won by W. Hayes, St. Gregory A. C., Philadelphia; E. J. F. Lindberg, Chicago, A. A., second; R. T. Edwards, New York A. C., third. Time, :52.
16-lb. shot-put—Won by Ralph Rose, Olympic A. C., San Francisco, 49 ft. 1 in.; Pat McDonald, Irish-American A. C., New York, second, 48 ft. 2 in.; J. J. Elliott, Irish-American A. C., New York, third, 43 ft. 3½ in.
120-yard high hurdles—Won by J. Case, Illinois A. C., Chicago; J. J. Eller, Irish-American A. C., New York, second; J. Donahue, Olympic A. C., San Francisco, third. Time, :15⅘.
Mile run—Won by J. W. Monument, Irish-American A. C., New York; A. R. Kiavatt, Irish-American A. C., New York, second; O. F. Hedlung, Brookline A. C., Brookline, Mass., third. Time, 4:31.
16-lb. hammer throw—Won by M. McGrath, New York A. C., 168 ft. 4½ in.; C. Walsh, New York A. C., second, 163 ft.; Ralph Rose, Olympic A. C., third, 150 ft. 7 in.
Running broad jump—Won by F. C. Irons, Chicago A. A., 23 ft. 5½ in.; Platt Adams, New York A. C., second, 23 ft. 4½ in.; F. J. Clifford, unattached, Philadelphia, third, 22 ft. ½ in.
220-yard low hurdles—Won by J. J. Eller, Irish-American A. C., New York; J. Hartranft, New York A. C., second; F. C. Waller, Chicago A. A., third. Time, :25⅕.
220-yard dash, final—Won by Gwyn Henry, unattached, Eden, Tex.; Robert Cloughen, Irish-American A. C., New York, second; F. H. Blair, Chicago A. A., third. Time, :22⅘.
5-mile run—Won by W. J. Kraemer, independent, New York; F. G. Bellar, New York A. C., second. Time, 27:06⅘.
Pole vault—Won by H. Babcock, New York A. C., 12 ft. 1 in.; Eugene Schobinger, Chicago A. A.,

second, 12 ft.; E. H. Schroth, Y. M. G. C., New Orleans, third, 11 ft. 10 in.

Discus throw—Won by M. H. Griffin, Chicago A. A., 135 ft. 6¼ in.; Martin Sheridan, Irish-American club, New York, second, 134 ft.; Ralph Rose, Olympic A. C., third, 125 ft.

Throwing 56-lb. weight—Won by C. Walsh, New York A. C., 37 ft. 1½ in.; P. McDonald, Irish-American A. C., New York, second, 36 ft. 4½ in.; M. McGrath, New York A. C., third, 36 ft. 1 in.

Running high jump—Won by W. Thomassen, New York A. C., 6 ft. 2 in.; H. Gumplet, New York A. C., second, 6 ft. 1 in.; J. Case, Illinois A. C., third, 6 ft.

Running hop, step and jump—Won by Dan J. Ahern, Irish-American A. C., New York, 48 ft. ¼ in.; Platt Adams, New York A. C., second, 47 ft. ½ in.; F. W. Finnigan, Knights of St. Anthony, Brooklyn, third, 43 ft. 1 in.

ALL-AROUND CHAMPIONSHIP.

Fred C. Thompson of the Occidental college, Los Angeles, Cal., won the all-around athletic championship of the Amateur Athletic union on Marshall field, Chicago, Aug. 13, 1910. The ten events and the number of points he made in each were: 100-yard dash, 832; 16-lb. shot-put, 719; high jump, 614; 880-yard walk, 792; 16-lb. hammer throw, 748; 56-lb. weight, 474; 120-yard hurdles, 910; pole vault, 600; running broad jump, 628; 1-mile run, 674; total points, 6,991. J. H. Gillis of Vancouver, B. C., was second with 6,909 points, and A. A. Brundage of the Chicago Athletic association third with 6,120½. Winners of event and points made by each:

1884—W. R. Thompson, Montreal	5,304
1885—M. W. Ford, New York	5,045
1886—M. W. Ford, New York	5,899
1887—A. A. Jordan, New York	5,236
1888—M. W. Ford, New York	5,161
1889—A. A. Jordan, New York	5,520
1890—A. A. Jordan, New York	5,358
1891—A. A. Jordan, New York	6,189
1892—E. W. Goff, New York	5,232
1893—E. W. Goff, New York	4,860
1894—E. W. Goff, New York	5,748
1895—J. Cosgrave, Albany	4,406½
1896—L. P. Sheldon, Yale	5,380
1897—E. H. Clark, Boston	6,244½
1898—E. C. White, New York	5,243
1899—J. F. Powers, Worcester	6,203
1900—Harry Gill, Toronto	6,360½
1901—A. B. Gunn, Buffalo	5,739
1902—A. B. Gunn, Buffalo	6,260½
1903—E. H. Clark, Boston	6,318¼
1904—Thomas Kieley, Ireland	6,086
1905—M. J. Sheridan, New York	6,820½
1906—Thomas F. Kieley, Ireland	6,274
1907—Martin J. Sheridan, New York	7,130¼
1908—J. L. Bredemus, Princeton	5,809
1909—Martin J. Sheridan, New York	7,385
1910—F. C. Thompson, Los Angeles	6,991

FRANKLIN FIELD RELAY RACES.

The national relay races for colleges and high schools were run on Franklin field, Philadelphia, Pa., April 30, 1910, with the following results:

1-mile college—Won by Pennsylvania (Hough, Haydock, Smith, Ramsdell); Michigan, second (Craig, Gamble, Leger, Keck); Cornell, third (Elsenbast, Nixon, MacArthur, Hurlburt); Chicago, fourth; Princeton, fifth; Illinois, sixth; Massachusetts, seventh; University of Virginia, eighth; Dartmouth, ninth. Time, 3:22⅕.

2-mile college—Won by Pennsylvania (Bodley, Masters, Foster, Church); Cornell (Ebersole, Jones, Putnam, DeGolyer), second. Time of half-mile relays, 2:01⅕, 4:03⅕, 6:02⅘, 8:02⅘. University of Missouri and Notre Dame did not run.

4-mile college—Won by Pennsylvania (Levering, Boyle, Baker, Paul); Cornell (Fleming, De Golyer, Young, Berna), second; Michigan (Hall, Saxton, Tower, May), third; Dartmouth (Baxter, Scott, Bull, Noyes), fourth. Time by miles, 4:34⅘, 9:02, 13:44⅘, 18:15⅘.

1-mile freshmen—Won by Illinois (Carney, Hunter, Otto, Cortis); Pennsylvania (Brown, Wharton, Waters, Mercer), second; Princeton (Hall, Stickney, Chaplin, Close), third. Time, 3:26⅘, breaking the intercollegiate freshman relay record of 3:29 made by Princeton in 1909.

1-mile high school—Won by Brooklyn manual training; Englewood (N. J.) high school, second; Oak Park high school, Chicago, third. Time, 3:33⅘, equaling the record made by the winner of the race in 1909.

ILLINOIS INTERSCHOLASTIC.

The University of Illinois annual interscholastic meet, held in Champaign, Ill., May 21, 1910, was won by the track team of the University high school, Chicago, with 26 points. Milford was second with 18 points and Hyde Park third with 12. Record of winning schools to date:

1893—Peoria.	1903—Hyde Park.
1894—Urbana.	1904—Pontiac.
1895—Englewood.	1905—Englewood.
1896—Rockford.	1906—Wendell Phillips-West Aurora, tied.
1897—Englewood.	1907—Oak Park.
1898—East Aurora.	1908—Oak Park.
1899—Biggsville.	1909—University high.
1900—Biggsville.	1910—University high.
1901—Englewood.	
1902—South Division.	

INDOOR CHAMPIONSHIPS.

The Chicago Athletic association won the Central Amateur Athletic union track and field championships in the Auditorium, Milwaukee, Wis., March 12, 1910, with a score of 49 points. Notre Dame had 33, Illinois Athletic club 7, Beloit college 6 and Mercury Athletic club 3. One world's record was tied by Wasson of Notre Dame in the 60-yard dash, who ran the distance in :06⅘. Lindberg of the C. A. A. established a new Central A. A. U. ¼-mile record of :51⅖. Waller of C. A. A. and Fletcher of Notre Dame equaled the 60-yard low hurdle mark of :06⅘.

PRINCIPAL OLYMPIAN RECORDS.

Olympian records to date are as follows:

60-meter run—:04, A. C. Kraenzlein, Archie Hahn (1904), W. Hogenson (1904).

100-meter run—:10⅘, F. W. Jarvis; R. E. Walker (1908).

200-meter run—:21⅘, Archie Hahn (1904).

400-meter run—:49⅖, H. Hillman (1904).

1,500-meter run—4:03⅘, Melvin W. Sheppard (1908) and M. F. Hallows (1908).

800-meter run—1:52⅘, Melvin W. Sheppard (1908).

2,500-meter steeplechase—7:34, G. W. Orton.

4,000-meter steeplechase—12:58⅘, C. Reinmer, England.

110-meter hurdle race—:15, F. C. Smithson (1908).

200-meter hurdle race—:24⅘, H. Hillman (1904).

400-meter hurdle race—:55, C. J. Bacon (1908).

Running high jump—6 ft. 3 in., Harry F. Porter (1908).

Running broad jump—24 ft. 6½ in., F. C. Irons (1908).

Standing high jump—5 ft. 5 in., Ray C. Ewry.

Standing broad jump—11 ft. 4⅘ in., Ray C. Ewry. (1904).

Standing triple jump—36 ft. 1 in., Peter O'Connor (1906).

Pole vault—12 ft. 2 in., A. C. Gilbert and E. T. Cooke (1908).

Running hop, skip and jump—48 ft. 11¼ in., Abearne, England (1908).

Putting 16-lb. shot—48 ft. 7 in., Ralph Rose (1904).

Throwing 16-lb. hammer—170 ft. 4 in., John J. Flannagan (1908).

Throwing discus (Greek style)—128 ft. 8 in., M. J. Sheridan (1908).

Throwing javelin (free style)—178 ft. 7½ in., E. V. Lemming (1908).

Throwing javelin (middle)—179 ft. 10½ in., E. V. Lemming (1908).

Olympian games have been held as follows: Athens, Greece, 1896; Paris, France, 1900; St. Louis, Mo., 1904; Athens, Greece, 1906; London, England, 1908. The next meet will take place in Stockholm, Sweden, in 1912.

WORLD'S RECORDS.

100-yard dash—:09⅘, R. E. Walker.*

150-yard dash—:14⅕, R. E. Walker.*

180-yard dash—:17⅘, R. E. Walker.*

220-yard dash—:21⅘, B. J. Wefers* and R. C. Craig.*

440-yard run—:47, M. W. Long.*

880-yard run—1:53½, F. S. Hewitt.*
1-mile run—4:12⅘, W. G. George.
2-mile run—9:09⅘, A. Schrubb.
4-mile run—19:23⅘, A. Schrubb.
5-mile run—24:40, J. White.
100-mile run—13:26:30, C. Rowell.
120-yard hurdles—:15, Arthur B. Shaw.*
220-yard hurdles—:23⅘, A. C. Kraenzlein.*
High jump—6 ft. 5⅝ in., M. F. Sweeney.
Broad jump—24 ft. 4¼ in., A. C. Kraenzlein.*
Standing broad jump—11 ft. 6 in., Ray C. Ewry.*
Pole vault—12 ft. 10⅛ in., L. F. Scott;* 12 ft. 7¾ in., W. R. Gilbert;* 12 ft. 9 in., Minoru Fujii.*
Throwing 16-lb. hammer—179 ft. 11 in., John J. Flanagan.
Putting 8-lb. shot—67 ft. 7 in., Ralph Rose.*
Putting 12-lb. shot—55 ft. 11¾ in., Ralph Rose.*
Putting 14-lb. shot—53 ft. 4 in., Ralph Rose.*
Putting 16-lb. shot—54 ft. 4 in., Ralph Rose.*
Putting 18-lb. shot—43 ft. 9½ in., Ralph Rose.*
Putting 21-lb. shot—40 ft. 3⅝ in., Ralph Rose.*
Putting 24-lb. shot—38 ft. 2¾ in., Ralph Rose.*
Throwing 56-lb. weight—39 ft. 1½ in., John J. Flanagan.
Throwing discus—144 ft. 1 in., Martin J. Sheridan.
*Amateur.

ATHLETIC RECORDS MADE IN 1910.

Feb. 5—70-yard dash, indoor—:07⅕, J. J. Archer, Madison Square, New York, N. Y.
Feb. 5—70-yard low hurdle handicap, indoor—:08⅕, John J. Eller, Madison Square, New York, N. Y.
Feb. 5—4-mile run, indoor—19:39⅘, George Bonhag, Madison Square, New York, N. Y.
March 12—60-yard run, indoor—:06⅘ (official), James Wasson, Milwaukee, Wis.
March 12—60-yard run, indoor—:51⅖ (official), James J. Lindberg, Milwaukee, Wis.
March 19—40-yard run, indoor—:04⅘ (official), James Wasson, Notre Dame, Ind. (Equals world's record.)
May 14—Throwing discus—134 ft. 10½ in., Leslie Byrd, Charleston, Ill. (Interscholastic record.)
May 14—Pole vault—12 ft. 6⅛ in., L. F. Scott, Berkeley, Cal. (Intercollegiate record.)
May 14—100-yard dash—:09⅘, Hancock, Lawrence, Kas. (Intercollegiate record.)
May 15—Throwing 56-lb. weight without run or follow—31 ft. 10¾ in., Matt McGrath, Celtic park, New York, N. Y.
May 21—Throwing discus—139 ft. 5 in., Leslie Byrd, Champaign, Ill. (Interscholastic record.)
May 27—Pole vault—12 ft. 10⅞ in., L. F. Scott, Boulder, Col. (World's record.)
May 28—220-yard dash—:21⅕ (official), R. C. Craig, Franklin field, Philadelphia, Pa. (Equals world's record.)
May 28—Pole vault—12 ft. 4⅝ in., Nelson, Franklin field, Philadelphia, Pa. (Eastern intercollegiate record.)
May 30—Throwing 56-lb. weight for height—16 ft. 1 in., Matt McGrath, New York, N. Y. (World's exhibition record.)
May 30—600-yard run—1:21⅖, Melvin W. Sheppard, Celtic park, New York, N. Y. (World's record.)
May 30—700-yard run—1:26⅘, Melvin W. Sheppard, Celtic park, New York, N. Y. (World's record.)
May 30—125-yard run—:12⅖, Tex Ramsdell, Celtic park, New York, N. Y. (American record.)
June 4—440-yard run—:48, Davenport, Champaign, Ill. (Western intercollegiate record.)
June 4—880-yard run—1:56⅘, Davenport, Champaign, Ill. (Western intercollegiate record.)
June 4—1-mile run—4:20⅘, Baker, Champaign, Ill. (Western intercollegiate record.)
June 4—220-yard hurdles—:24⅘, Fletcher, Champaign, Ill. (Western intercollegiate record.)
June 4—High jump—6 ft. ⅝ in., French, Champaign, Ill. (Western intercollegiate record.)
June 11—100-yard run—:09⅘, Wilson, Cedar Rapids, Iowa.
July 16—400 yards over 3-foot hurdles—:56⅘, G. R. L. Anderson, Crystal palace, London. (World's record.)
Aug. 20—Throwing 56-lb. weight for height—16 ft. 2½ in., Matt McGrath, Hartford, Conn. (World's record.)
Aug. 28—Throwing 56-lb. weight for height—16 ft. 6¼ in., Matt McGrath, Chicago, Ill. (World's record.)
Sept. 17—Discus throw—132 ft. 10 in., M. H. Giffen, Chicago, Ill.
Sept. 17—Throwing 56-lb. weight for distance—25 ft. ½ in., Pat Corcoran, Chicago, Ill.

BASEBALL—SEASON OF 1910.

NATIONAL LEAGUE.

STANDING OF THE CLUBS.

Clubs.	Chicago	New York	Pittsburg	Philadelphia	Cincinnati	Brooklyn	St. Louis	Boston	Won.	Per cent.
Chicago	—	14	12	14	16	16	15	17	104	.675
New York	8	—	12	15	14	14	12	16	91	.590
Pittsburg	10	10	—	11	12	12	17	14	86	.565
Philadelphia	8	7	11	—	12	13	10	17	78	.510
Cincinnati	6	8	10	10	—	15	12	14	75	.486
Brooklyn	6	8	10	9	7	—	12	12	64	.416
St. Louis	7	10	4	12	10	10	—	10	63	.412
Boston	5	6	8	4	8	10	12	—	53	.346
Lost	50	63	67	75	79	90	90	100	614	

TWENTY LEADING BATSMEN IN 1910.

	G.	AB.	R.	H.	SH.	SB.	AV.
Magee, Philadelphia	154	519	110	172	22	49	.331
Campbell Pittsburg	74	282	42	92	12	17	.326
Hofman, Chicago	135	477	83	155	30	29	.325
Snodgrass, New York	112	396	69	127	13	33	.321
Wagner, Pittsburg	150	556	90	178	20	24	.320
Lobert, Cincinnati	90	314	43	97	20	41	.309
Bates, Philadelphia	131	498	91	152	19	31	.305
Devore, New York	130	490	92	149	7	43	.304
Konetchy, St. Louis	144	520	87	157	11	18	.302
Schulte, Chicago	150	559	93	168	27	22	.301
Paskert, Cincinnati	141	506	63	152	16	51	.300
McLean, Cincinnati	119	423	27	126	5	4	.298
Chance, Chicago	87	295	54	88	6	16	.298
Byrne, Pittsburg	148	602	101	178	10	36	.296
Merkle, New York	144	506	75	148	19	23	.292
Tinker, Chicago	132	473	48	136	18	20	.288
R. Miller, Boston	130	483	48	138	18	17	.286
Mitchell, Cincinnati	156	583	79	167	22	35	.286
Doyle, New York	151	578	97	164	19	39	.285
Meyers, New York	117	365	26	104	13	5	.285

CHAMPION BATTERS SINCE 1876.

Batter and club.	Average.
1876—Barnes, Chicago	.403
1877—White, Boston	.385
1878—Dalrymple, Milwaukee	.380
1879—Anson, Chicago	.407
1880—Gore, Chicago	.365
1881—Anson, Chicago	.399
1882—Brouthers, Buffalo	.367
1883—Brouthers, Buffalo	.371
1884—O'Rourke, Buffalo	.350
1885—Connor, New York	.371
1886—Kelly, Chicago	.388
1887—Maul, Philadelphia	.343
1888—Anson, Chicago	.343
1889—Brouthers, Boston	.313
1890—Luby, Chicago	.343
1891—Hamilton, Boston	.338
1892—Brouthers, Boston	.335
1893—Stenzel, Pittsburg	.409
1894—Duffy, Boston	.438
1895—Burkett, Cleveland	.438
1896—Burkett, Cleveland	.419
1897—Keeler, Baltimore	.417
1898—Keeler, Baltimore	.387
1899—Delehanty, Philadelphia	.408
1900—Wagner, Pittsburg	.384
1901—Burkett, St. Louis	.382
1902—Beaumont, Pittsburg	.357
1903—Wagner, Pittsburg	.355
1904—Wagner, Pittsburg	.349
1905—Seymour, Cincinnati	.377
1906—Wagner, Pittsburg	.339
1907—Wagner, Pittsburg	.350
1908—Wagner, Pittsburg	.354
1909—Wagner, Pittsburg	.341
1910—Magee, Philadelphia	.331

CHAMPIONSHIP RECORD.

Club.	Won.	Lost.	Pct.
1876—Chicago	52	14	.788
1877—Boston	31	17	.648

Club.	Won.	Lost.	Pct.
1878—Boston	41	19	.707
1879—Providence	55	23	.705
1880—Chicago	67	17	.798
1881—Chicago	56	28	.667
1882—Chicago	55	29	.655
1883—Boston	63	35	.643
1884—Providence	84	28	.750
1885—Chicago	87	25	.776
1886—Chicago	90	34	.725
1887—Detroit	79	45	.637
1888—New York	84	47	.641
1889—New York	83	43	.659
1890—Brooklyn	86	43	.667
1891—Boston	87	51	.630
1892—Boston	102	48	.680
1893—Boston	86	44	.662
1894—Baltimore	89	39	.695
1895—Baltimore	87	43	.669
1896—Baltimore	90	39	.698
1897—Boston	93	39	.795
1898—Boston	91	47	.659
1899—Brooklyn	101	47	.682
1900—Brooklyn	82	54	.603
1901—Pittsburg	90	49	.647
1902—Pittsburg	103	36	.741
1903—Pittsburg	91	49	.650
1904—New York	106	47	.693
1905—New York	105	48	.686
1906—Chicago	116	36	.763
1907—Chicago	107	45	.704
1908—Chicago	99	55	.643
1909—Pittsburg	110	42	.725
1910—Chicago	104	50	.675

AMERICAN LEAGUE.

STANDING OF THE CLUBS.

Clubs.	Philadelphia	New York	Detroit	Boston	Cleveland	Chicago	Washington	St. Louis	Won	Per cent.
Philadelphia	—	12	13	18	14	14	14	17	102	.680
New York	9	—	9	13	13	13	15	16	88	.583
Detroit	9	13	—	10	13	13	13	15	86	.568
Boston	4	9	12	—	14	10	16	16	81	.529
Cleveland	7	8	9	8	—	12	9	18	71	.467
Chicago	8	8	9	12	10	—	9	12	68	.444
Washington	6	7	9	5	13	13	—	13	66	.437
St. Louis	5	6	7	6	4	10	9	—	47	.305
Lost	48	63	68	72	81	85	85	107	609	

TWENTY LEADING BATSMEN IN 1910.

	G.	AB.	R.	H.	SB.	SH.	AV.
Cobb, Detroit	140	509	106	196	17	65	.385
Lajoie, Cleveland	159	591	92	227	21	26	.384
Speaker, Boston	141	538	92	183	12	35	.340
Collins Philadelphia	153	583	81	188	22	81	.322
Knight, New York	117	414	58	129	19	23	.312
Oldring, Philadelphia	134	546	79	168	21	17	.308
Easterly, Cleveland	110	363	34	111	14	10	.306
Murphy, Philadelphia	151	560	70	168	21	18	.300
Delehanty, Detroit	106	378	67	111	13	15	.293
Chase, New York	130	524	67	152	19	40	.290
Crawford, Detroit	154	588	83	170	24	20	.289
Cree, New York	134	467	58	134	12	28	.287
Lewis, Boston	151	541	64	153	27	10	.283
Baker, Philadelphia	146	561	83	159	21	21	.283
Gardner, Boston	113	413	55	117	17	8	.283
Milan, Washington	142	531	89	148	7	44	.279
Wagner, Boston	142	491	61	134	20	26	.273
Stahl, Boston	144	531	68	144	17	22	.271
Hooper, Boston	155	584	81	156	34	40	.267
Wolter, New York	135	479	84	128	20	39	.267

CHAMPION BATTERS SINCE 1900.

Batter and club.	
1900—Dungan, Kansas City	.337
1901—Lajoie, Philadelphia	.422
1902—Delehanty, Washington	.376
1903—Lajoie, Cleveland	.355
1904—Lajoie, Cleveland	.381
1905—Lajoie, Cleveland	.329
1906—Stone, St. Louis	.358
1907—Cobb, Detroit	.350
1908—Criss, St. Louis	.354
1909—Cobb, Detroit	.375
1910—Cobb, Detroit	.385

Note.—The exact percentages made by Cobb of Detroit and Lajoie of Cleveland in 1910 were: Cobb, .384944; Lajoie, .384084.

CHAMPIONSHIP RECORD.

Club.	Won.	Lost.	Pct.
1900—Chicago	82	53	.607
1901—Chicago	83	53	.610
1902—Philadelphia	83	53	.610
1903—Boston	91	47	.659
1904—Boston	95	59	.617
1905—Philadelphia	92	56	.622
1906—Chicago	93	58	.616
1907—Detroit	92	58	.613
1908—Detroit	90	63	.588
1909—Detroit	98	54	.645
1910—Philadelphia	102	48	.680

WORLD'S CHAMPIONSHIP GAMES.

The Chicago National league and the Philadelphia American league baseball teams, champions in their respective associations in 1910, played for the championship of the world with the following result:

IN PHILADELPHIA, OCT. 17.

Chicago.	AB.	R.	BH.	TB.	BB.	SH.	SB.	PO.	A.	E.
Sheckard, lf	4	0	0	0	0	0	0	2	0	0
Schulte, rf	2	0	1	1	2	0	0	0	0	0
Hofman, cf	4	0	0	0	0	0	0	2	0	0
Chance, 1b	3	0	0	0	0	0	0	11	2	0
Zimmerman, 2b	3	0	0	0	0	0	0	2	3	0
Steinfeldt, 3b	3	0	0	0	0	0	0	0	3	0
Tinker, ss	3	1	1	1	0	0	0	3	3	0
Kling, c	3	0	1	1	0	0	0	4	3	0
*Kane	0	0	0	0	0	0	0	0	0	0
Overall, p	1	0	0	0	0	0	0	0	0	0
McIntire, p	1	0	0	0	0	0	0	0	0	1
†Beaumont	1	0	0	0	0	0	0	0	0	0
Totals	28	1	3	3	2	0	0	24	14	1
Philadelphia.										
Strunk, cf	3	0	0	0	1	0	0	1	0	1
Lord, lf	4	1	1	2	0	0	0	0	0	0
Collins, 2b	2	1	1	1	1	0	0	2	5	0
Baker, 3b	4	1	3	5	0	0	0	3	2	0
Davis, 1b	3	0	0	0	0	1	0	11	0	0
Murphy, rf	3	1	1	1	0	0	1	1	0	0
Barry, ss	3	0	0	0	0	0	0	0	4	0
Thomas, c	1	0	0	0	2	0	0	8	2	1
Bender, p	3	0	1	1	0	0	0	1	0	0
Totals	26	4	7	10	4	2	1	27	13	2

*Ran for Kling in ninth inning. †Batted for McIntire in ninth inning.

Chicago	0	0	0	0	0	0	0	0	1	—1
Philadelphia	0	2	1	0	0	0	0	1	*	—4

Two-base hits—Baker (2), Lord. Struck out—By Bender, 8 (Sheckard 2, Schulte, Hofman, Zimmerman 2, Steinfeldt, McIntire); by Overall, 1 (Davis); by McIntire, 3 (Thomas, Bender, Lord). Bases on balls—Off Bender, 2; off McIntire, 3; off Overall, 1. Hits—Off Overall, 6 in 3 innings. Time—1 hour and 50 minutes. Umpires—Connolly, O'Day, Sheridan and Rigler. Paid attendance, 26,891; gross receipts, $37,424.50.

IN PHILADELPHIA, OCT. 18.

Chicago.	AB.	R.	BH.	TB.	BB.	SH.	SB.	PO.	A.	E.
Sheckard, lf	1	1	1	2	3	1	0	0	0	1
Schulte, rf	2	1	0	0	0	2	0	0	0	0
Hofman, cf	2	1	1	1	3	0	0	1	0	0
Chance, 1b	5	0	2	2	0	0	0	14	0	0
Zimmerman, 2b	3	0	1	2	1	1	0	1	2	0
Steinfeldt, 3b	5	0	1	2	0	0	0	0	2	2
Tinker, ss	4	0	2	3	1	0	0	3	4	0
Kling, c	4	0	0	0	1	0	0	5	2	0
Brown, p	3	0	0	0	0	0	0	0	2	0
*Beaumont	1	0	0	0	0	0	0	0	0	0
Richie, p	0	0	0	0	0	0	0	0	0	0
Totals	31	3	8	12	9	4	0	24	12	3
Philadelphia.										
Strunk, cf	5	1	2	3	0	0	0	4	0	0
Lord, lf	5	1	1	1	0	0	0	1	0	0
Collins, 2b	4	2	3	5	1	0	2	4	6	0
Baker, 3b	4	1	1	1	1	0	0	2	1	0
Davis, 1b	5	1	2	3	0	0	0	6	0	1
Murphy, rf	4	1	1	2	1	0	0	1	1	0
Barry, ss	3	0	1	1	0	1	0	3	1	0
Thomas, c	3	2	2	2	1	0	0	6	1	0
Coombs, p	4	0	1	1	0	0	0	0	0	3
Totals	37	9	14	19	4	1	2	27	10	4

*Beaumont batted for Brown in eighth inning.

Chicago	1	0	0	0	0	0	1	0	1	0	1—3
Philadelphia	0	0	2	0	1	0	6	0	*		—9

Two-base hits—Collins (2), Tinker, Sheckard, Davis, Murphy, Strunk, Steinfeldt, Zimmerman. Struck out—By Coombs, 5 (Steinfeldt, Chance, Kling, Brown, Beaumont); by Brown, 6 (Strunk 3, Coombs 2, Barry). Bases on balls—Off Coombs, 9; off Brown, 4. Double plays—Collins-Davis (2); Tinker-Chance; Murphy-Thomas. Hits—Off Brown, 13 in 7 innings. First base on errors—Chicago, 4; Philadelphia, 2. Left on bases—Chicago, 14; Philadelphia, 9. Time—2 hours and 37 minutes. Umpires—Rigler, Sheridan, O'Day and Connolly. Paid attendance, 24,957; gross receipts, $35,137.

IN CHICAGO, OCT. 20.

Chicago.	AB.	R.	BH.	TB.	BB.	SH.	SB.	PO.	A.	E.
Sheckard, lf	1	2	0	0	3	0	0	2	0	0
Schulte, rf	4	0	2	4	0	0	0	2	0	0
Hofman, cf	3	1	1	1	0	1	0	2	0	0
Chance, 1b	1	0	0	0	0	0	0	3	0	0
Archer, 1b	3	0	0	0	0	0	0	9	0	0
Zimmerman, 2b	4	0	0	0	0	0	0	4	6	0
Steinfeldt, 3b	4	0	0	0	0	0	0	0	2	1
Tinker, ss	4	1	3	4	0	0	1	3	4	2
Kling, c	4	0	0	0	0	0	0	2	2	0
Reulbach, p	0	0	0	0	0	0	0	0	1	0
*Beaumont	0	1	0	0	1	0	0	0	0	0
McIntire, p	0	0	0	0	0	0	0	0	0	0
Pfiester, p	2	0	0	0	0	0	0	0	1	0
†Needham	1	0	0	0	0	0	0	0	0	0
Totals	31	5	6	9	4	1	1	27	16	3
Philadelphia.										
Strunk, cf	5	1	1	1	1	0	0	3	0	0
Lord, lf	4	0	1	1	0	1	0	1	0	0
Collins, 2b	5	1	1	1	0	0	0	1	1	0
Baker, 3b	5	2	2	4	0	0	0	2	4	1
Davis, 1b	3	3	3	4	1	0	0	8	0	0
Murphy, rf	5	2	1	4	0	0	0	3	1	0
Barry, ss	5	3	3	6	0	0	0	1	2	0
Thomas, c	4	0	0	0	1	0	0	8	1	0
Coombs, p	5	0	3	4	0	0	0	0	0	0
Totals	41	12	15	25	3	1	0	27	9	1

*Beaumont batted for Reulbach in second inning.
†Needham batted for Pfiester in ninth inning.

Philadelphia	1	2	5	0	0	0	4	0	0		—12
Chicago	1	2	0	0	0	0	0	2	0		— 5

Two-base hits—Schulte (2), Barry (3), Coombs, Tinker, Davis. Three-base hit—Baker. Home run—Murphy. Struck out—By Coombs, 8 (Chance, Kling, Schulte, Pfiester, Zimmerman, Archer, Steinfeldt, Hofman); by Pfiester, 1 (Strunk). Bases on balls—Off Reulbach, 2; off Coombs, 4; off Pfiester, 1. Double plays—Zimmerman-Tinker-Archer; Barry-Collins-Davis; Murphy-Davis. Hits—Off Reulbach, 3 in 2 innings; off McIntire, 3 in 1-3 of 1 inning. Hit by pitcher—Davis. Wild pitch—Coombs. Left on bases—Chicago, 4; Philadelphia, 7. First base on errors—Philadelphia, 3; Chicago, 1. Time—2 hours and 10 minutes. Umpires—O'Day, Sheridan, Rigler and Connolly. Paid attendance, 26,210; gross receipts, $36,751.50.

IN CHICAGO, OCT. 22.

Chicago.	AB.	R.	BH.	TB.	BB.	SH.	SB.	PO.	A.	E.
Sheckard, lf	4	1	1	1	1	0	1	3	0	0
Schulte, rf	4	2	2	3	0	0	0	2	0	0
Hofman, cf	3	0	2	2	0	1	0	1	1	0
Chance, 1b	4	0	2	4	0	0	0	10	2	0
Zimmerman, 2b	4	0	1	1	0	0	0	2	2	0
Steinfeldt, 3b	4	0	0	0	0	0	0	2	4	0
Tinker, ss	3	0	0	0	1	0	0	1	3	0
Archer, c	4	1	1	2	0	0	0	8	3	0
Cole, p	2	0	0	0	0	0	0	1	3	0
*Kling	1	0	0	0	0	0	0	0	0	0
†Kane	0	0	0	0	0	0	0	0	0	0
Brown, p	1	0	0	0	0	0	0	0	1	1
Totals	34	4	9	13	2	1	1	30	19	1
Philadelphia.										
Strunk, cf	5	0	2	3	0	0	0	2	0	0
Lord, lf	5	0	0	0	0	0	0	1	0	0
Collins, 2b	5	1	1	1	0	0	0	6	2	1
Baker, 3b	4	1	3	4	1	0	0	3	4	1
Davis, 1b	3	0	1	2	1	1	0	9	0	1
Murphy, rf	4	0	2	3	0	1	0	1	0	0
Barry, ss	4	0	0	0	0	0	0	2	1	0
Thomas, c	4	0	1	1	0	0	0	5	4	0
Bender, p	3	1	1	1	1	0	0	0	2	0
Totals	37	3	11	15	3	2	0	‡29	13	3

*Kling batted for Cole in eighth. †Kane ran for Kling in eighth. ‡Two out when winning run was scored.

Chicago	1	0	0	1	0	0	0	0	1	1	—4
Philadelphia	0	0	1	2	0	0	0	0	0	0	—3

Two-base hits—Baker, Murphy, Strunk, Schulte, Davis, Archer. Three-base hit—Chance. Struck out—By Brown, 1 (Barry); by Bender, 6 (Schulte, Archer, Cole 2, Tinker, Steinfeldt); by Cole, 5 (Davis 2, Lord, Barry, Strunk). Bases on balls—Off Bender, 2; off Cole, 3. Double plays—Baker-Collins-Davis; Bender-Baker-Davis; Cole-Archer-Chance. Hits—Off Cole, 10 in 8 innings. Hit by pitcher—Barry. Time—2 hours and 15 minutes. Umpires—Connolly, Rigler, Sheridan and O'Day. Attendance. 19,150; gross receipts, $27,550.50

IN CHICAGO, OCT. 23.

Chicago.	AB.	R.	BH.	TB.	BB.	SH.	SB.	PO.	A.	E.
Sheckard, lf	4	1	2	3	0	0	0	1	0	0
Schulte, rf	4	0	1	1	0	0	0	0	0	0
Hofman, cf	3	0	0	0	1	0	0	1	0	0
Chance, 1b	4	1	2	3	0	0	0	13	0	0
Zimmerman, 2b	3	0	2	2	0	1	1	1	5	1
Steinfeldt, 3b	4	0	1	1	0	0	0	0	1	1
Tinker, ss	4	0	0	0	0	0	0	1	1	0
Archer, c	4	0	1	1	0	0	0	10	0	0
Brown, p	3	0	0	0	0	0	0	0	7	0
*Kling	1	0	0	0	0	0	0	0	0	0
Totals	34	2	9	11	1	1	1	27	14	2
Philadelphia.										
Hartsel, lf	5	2	1	1	0	0	2	2	0	0
Lord, cf	4	1	1	2	1	0	0	5	0	0
Collins, 2b	5	0	3	5	0	0	2	4	4	0
Baker, 3b	5	1	0	0	0	0	0	0	0	1
Davis, 1b	3	1	0	0	1	0	0	9	1	0
Murphy, rf	4	2	2	3	0	0	0	0	0	0
Barry, ss	2	0	0	0	0	1	0	2	4	0
Lapp, c	4	0	1	1	0	0	0	4	2	0
Coombs, p	4	0	1	1	0	0	0	1	3	0
Totals	36	7	9	13	2	1	4	27	14	1

*Kling batted for Brown in the ninth.

Philadelphia	1	0	0	0	0	1	0	0	5	0	—7
Chicago	0	1	0	0	0	0	0	0	1	0	—2

Two-base hits—Chance, Murphy, Lord, Collins (2), Sheckard. Struck out—By Brown, 7 (Lord, Davis, Lapp 2, Coombs, Baker, Hartsel); by Coombs, 4 (Tinker, Archer 2, Hofman). Bases on balls—Off Coombs, 1; off Brown, 2; Wild pitch—Brown. Time—2 hours and 5 minutes. Umpires—O'Day, Sheridan, Rigler and Connolly. Attendance, 27,374; gross receipts, $37,116.50.

SUMMARY OF SERIES.

Games won—Philadelphia, 4; Chicago, 1.

Attendance	124,222
Receipts	$173,980.00
Players' pool (four games)	79,071.93
Club owners	77,510.07
National commission	17,398.00

The Philadelphia players won $47,443.19, or $2,062.74 apiece; the Chicagos won $31,628.80, or $1,388.20 apiece.

BATTING AND FIELDING AVERAGES IN SERIES.

Philadelphia.	AB.	R.	BH.	TB.	PO.	A.	E.	Field.	Bat.
Baker, 3b	19	6	9	14	10	11	3	.875	.474
Collins, 2b	21	5	9	13	17	17	1	.971	.429
Coombs, p	13	0	5	6	1	3	3	.571	.384
Davis, 1b	17	5	6	9	43	1	2	.957	.353
Murphy, rf	20	6	7	13	6	2	0	1.000	.350
Bender, p	6	1	2	2	1	2	0	1.000	.333
Strunk, cf	18	2	5	7	10	0	1	.909	.278
Thomas, c	12	2	3	3	27	8	1	.972	.250
Lapp, c	4	0	1	1	4	2	0	1.000	.250
Barry, ss	17	3	4	6	8	12	0	1.000	.235
Hartsell, lf	5	2	1	1	2	0	0	1.000	.200
Lord, lf-cf	22	3	4	6	8	0	0	1.000	.182
Totals	174	35	56	81	137	58	11	.947	.322
Chicago.									
Chance, 1b	17	1	6	9	51	2	0	1.000	.353
Schulte, rf	17	3	6	9	4	0	0	1.000	.353
Tinker, ss	18	2	6	8	11	15	2	.929	.333
Hofman, cf	13	2	4	4	7	1	0	1.000	.307
Sheckard, lf	14	5	4	6	8	0	1	.889	.286
Archer, c-1b	17	1	2	3	27	3	0	1.000	.182

	AB.	R.	BH.	TB.	PO.	A.	E.	Field.	Bat.
Zimmerman, 2b.	17	0	3	4	10	18	1	.966	.177
Steinfeldt, 3b..	20	0	2	3	2	12	4	.778	.100
Kling, c.....	13	0	1	1	11	7	0	1.000	.077
Cole, p.....	2	0	0	0	1	3	0	1.000	.000
Overall, p.....	1	0	0	0	0	0	0	.000	.000
*Beaumont	2	1	0	0	0	0	0	.000	.000
McIntire, p.....	2	0	0	0	0	1	1	.500	.000
Brown, p.....	7	0	0	0	0	10	1	.909	.000
Richie, p.....	0	0	0	0	0	0	0	.000	.000
Pfiester, p	2	0	0	0	0	1	0	1.000	.000
*Needham	1	0	0	0	0	0	0	.000	.000
Reulbach, p....	0	0	0	0	0	1	0	1.000	.000
Totals 158	15	34	47	132	74	10	.954	.274	

*Substitute batter.

PREVIOUS WORLD'S SERIES.

1903—Games won, Boston Americans, 5; Pittsburg, Nationals, 3. Winning pitchers, Dineen, 3; Young, 2; Phillippe, 3.

1905—Games won, New York Nationals, 4; Philadelphia Americans, 1. Winning pitchers, Mathewson, 3; McGinnity, 1; Bender, 1.

1906—Games won, Chicago Americans, 4; Chicago Nationals, 2. Winning pitchers, Walsh, 2; White, 1; Altrock, 1; Brown, 1; Reulbach, 1.

1907—Games won, Chicago Nationals, 4; Detroit Americans, 0; draw, 1. Winning pitchers, Brown, 2; Reulbach, 1; Overall, 1.

1908—Games won, Chicago Nationals, 4; Detroit Americans, 0; Winning pitchers, Brown, 2; Overall, 2; Reulbach, 1.

1909—Games won, Pittsburg Nationals, 4; Detroit Americans, 3. Winning pitchers, Adams, 3; Willis, 1; Mullin, 2; Donovan, 1.

POST-SEASON SERIES.

MANHATTAN PENNANT.

	Won.	Lost.	Tied.	Pct.
New York Giants.. 4	2	1	.667	
New York Highlanders.....2	4	1	.333	

OHIO PENNANT.

	Won.	Lost.	Pct.
Cincinnati (National).....4	3	.571	
Cleveland (American).....3	4	.429	

LONGEST GAMES IN 1910.

American League—Aug. 4: Chicago, 0; Philadelphia, 0, sixteen innings. There were five games of fifteen innings each, nine of fourteen innings each, eight of twelve innings each, twenty-one of eleven innings each and twenty-five of ten innings each.

National League—May 30: New York, 4; Philadelphia, 3, sixteen innings. June 15: Philadelphia, 3; Cincinnati, 3, fifteen innings. There were six games of fourteen innings each, six of thirteen innings each, six of twelve innings each, thirteen of eleven innings each and fifteen of ten innings each.

RECORD OF NO-HIT GAMES.

1879—Richmond (Worcester) vs. Cleveland.
1880—Corcoran (Chicago) vs. Boston.
Galvin (Buffalo) vs. Worcester.
1882—Corcoran (Chicago) vs. Worcester.
1883—Radbourne (Providence) vs. Cleveland.
Daly (Cleveland) vs. Philadelphia.
1884—Corcoran (Chicago) vs. Providence.
Galvin (Buffalo) vs. Detroit.
1885—Clarkson (Chicago) vs. Providence.
Ferguson (Philadelphia) vs. Providence.
1887—Seward (Philadelphia) vs. Brooklyn.
Weyhing (Philadelphia) vs. Baltimore.
1891—Lovett (Brooklyn) vs. New York.
Rusie (New York) vs. Brooklyn.
1892—Stivetts (Boston) vs. Brooklyn.
Jones (Pittsburg) vs. Cincinnati.
1893—Hawke (Baltimore) vs. Washington.
1897—Young (Cleveland) vs. Cincinnati.
1898—Hughes (Baltimore) vs. Boston.
Breitenstein (Cincinnati) vs. Pittsburg.
Donahue (Philadelphia) vs. Boston.
1899—Phillippe (Louisville) vs. Washington.
Willis (Boston) vs. New York.
1900—Hahn (Cincinnati) vs. Philadelphia.
1901—Mathewson (New York) vs. St. Louis.
1902—Callahan (Chicago) vs. Detroit.
1903—Fraser (Philadelphia) vs. Chicago.
1904—Young (Boston) vs. Philadelphia.
Tannehill (Boston) vs. Chicago.
1905—Mathewson (New York) vs. Chicago.
Henley (Philadelphia) vs. St. Louis.
Smith (Chicago) vs. Detroit.
Dineen (Boston) vs. Chicago.
1906—Eason (Brooklyn) vs. St. Louis.
Lush (Philadelphia) vs. Brooklyn.
1907—Pfeffer (Boston) vs. Cincinnati.
Maddox (Pittsburg) vs. Brooklyn.
1908—Young (Boston) vs. New York.
Wiltse (New York) vs. Philadelphia.
Rucker (Brooklyn) vs. Boston.
Rhoades (Cleveland) vs. Boston.
Smith (Chicago) vs. Philadelphia.
Joss (Cleveland) vs. Chicago.
1909—None in National or American league.
1910—Joss (Cleveland) vs. Chicago.
Bender (Philadelphia) vs. Cleveland.

CHICAGO CHAMPIONSHIP GAMES.

SERIES OF 1903.

Oct. 1—On west side: Cubs, 11; White Sox, 0.
Oct. 2—On south side: Cubs, 5; White Sox, 1.
Oct. 3—On south side: Cubs, 6; White Sox, 0.
Oct. 4—On west side: White Sox, 10; Cubs, 2.
Oct. 5—On west side: White Sox, 4; Cubs, 3.
Oct. 6—On south side: Cubs, 5; White Sox, 2.
Oct. 8—On south side: White Sox, 9; Cubs, 3.
Oct. 9—On west side: Cubs, 1; White Sox, 0.
Oct. 10—On west side: Cubs, 4; White Sox, 2.
Oct. 11—On south side: White Sox, 2; Cubs, 0.
Oct. 12—On south side: White Sox, 4; Cubs, 2.
Oct. 13—On west side: Cubs, 5; White Sox, 1.
Oct. 14—On south side: White Sox, 2; Cubs, 0.
Oct. 15—On south side: White Sox, 2; Cubs, 0.
Games won—White Sox, 7; Cubs, 7.

SERIES OF 1905.

Oct. 11—On south side: Cubs, 5; White Sox, 4.
Oct. 12—On west side: White Sox, 7; Cubs, 4.
Oct. 13—On south side: Cubs, 3; White Sox, 2.
Oct. 14—On west side: Cubs, 8; White Sox, 5.
Oct. 15—On south side: Cubs, 10; White Sox, 5.
Games won—Cubs, 4; White Sox, 1.

SERIES OF 1906.*

Oct. 9—On west side: White Sox, 2; Cubs, 1.
Oct. 10—On south side: Cubs, 7; White Sox, 1.
Oct. 11—On west side: White Sox, 3; Cubs, 0.
Oct. 12—On south side: Cubs, 1; White Sox, 0.
Oct. 13—On west side: White Sox, 8; Cubs, 6.
Oct. 14—On south side: White Sox, 8; Cubs, 3.
Games won—White Sox, 4; Cubs, 2.

SERIES OF 1909.

Oct. 8—On west side: Cubs, 4; White Sox, 0.
Oct. 9—On south side: Cubs, 5; White Sox, 2.
Oct. 10—On west side: White Sox, 2; Cubs, 1.
Oct. 14—On south side: Cubs, 2; White Sox, 1.
Oct. 15—On west side: Cubs, 1; White Sox, 0.
Games won—Cubs, 4; White Sox, 1.
Total for four series—Cubs, 17; White Sox, 13.
*Also for world's championship.

RESULTS IN OTHER LEAGUES (1910).

AMERICAN ASSOCIATION.	W.	L.	Pct.
Minneapolis	107	61	.637
Toledo	91	75	.548
Columbus	88	77	.533
St. Paul	88	80	.524
Kansas City	85	81	.512
Milwaukee	76	91	.461
Indianapolis	67	96	.419
Louisville	60	103	.368
EASTERN LEAGUE.			
Rochester	92	61	.601
Newark	88	66	.571
Baltimore	83	70	.544
Toronto	80	72	.527
Montreal	71	80	.470
Buffalo	69	81	.460
Jersey City	66	88	.429
Providence	61	93	.399
SOUTHERN LEAGUE.			
New Orleans	87	53	.621
Birmingham	79	61	.564
Atlanta	75	63	.553
Chattanooga	66	71	.482
Nashville	64	76	.457
Mobile	63	75	.456
Memphis	62	76	.449
Montgomery	59	80	.424
CENTRAL LEAGUE.			
South Bend	88	50	.638
Fort Wayne	79	58	.577
Dayton	73	64	.533
Evansville	70	67	.511
Terre Haute	63	74	.460
Gr'd Rapids	62	75	.453
Zanesville	59	77	.434
Wheeling	33	82	.393
THE I. I. I. LEAGUE.			
Springfield	88	48	.647
Rock Island	82	56	.592
Peoria	75	64	.540
Waterloo	72	67	.518
Bloomington	60	76	.441
Dubuque	60	79	.432

	W.	L.	Pct.
Davenport	59	80	.424
Danville	57	82	.410
NEW ENGLAND LEAGUE.			
New Bedford	77	46	.626
Lynn	68	52	.566
Worcester	66	54	.550
Lowell	65	57	.533
Fall River	61	60	.508
Lawrence	53	69	.434
Haverhill	47	73	.391
Brockton	45	72	.385
CENTRAL ASSOCIATION.			
Quincy	88	50	.637
Ottumwa	80	57	.582
Hannibal	77	60	.562
Galesburg	69	66	.511
Keokuk	67	70	.489
Monmouth	62	70	.462
Burlington	66	80	.411
Kewanee	47	91	.340
WESTERN LEAGUE.			
Sioux City	107	61	.637
Denver	102	65	.611

	W.	L.	Pct.
Lincoln	96	70	.578
Wichita	89	78	.533
Omaha	84	82	.506
St. Joseph	76	91	.455
Des Moines	72	96	.429
Topeka	42	125	.252
WISCONSIN-ILLINOIS LEAGUE.			
Appleton	74	46	.618
Rockford	72	50	.590
Fond du Lac	66	55	.546
Madison	62	59	.511
Green Bay	59	61	.490
Racine	59	62	.489
Oshkosh	51	72	.414
Aurora	43	81	.347
CHICAGO LEAGUE.			
West Ends	21	8	.724
Chi. Giants	18	12	.600
Rogers Parks	17	13	.567
Log. Squares	13	16	.448
Red Sox	10	19	.345
Spaldings	9	20	.310

OTHER PENNANT WINNERS IN 1910.

Carolina association.....Greenville, S. C.
Connecticut association.....Middletown, Conn.
Connecticut league.....Waterbury, Conn.
Cotton States league.....Greenwood, Miss.
Eastern Kansas.....Sabetha, Kas.
Kitty league.....McLeansboro, Ill.
Mink league.....Falls City, Neb.
New York State league.....Wilkesbarre, N. Y.
Ohio State league.....Portsmouth, O.
Ohio-Pennsylvania league.....Akron, O.
South Michigan league (tie).....{Kalamazoo, Mich. / ...Lansing, Mich.
Texas league.....Dallas, Tex.
Tri-State league.....Altoona, Pa.
Virginia league.....Danville, Va.
Virginia Valley league.....Huntington, W. Va.

BASEBALL THROWING RECORD.

The world's record for the long-distance throwing of a baseball was broken at Cincinnati, O., Oct. 10, 1910, when Sheldon Lejeune of the Evansville (Ind.) club, Central league, threw the sphere 426 feet 6¼ inches. The old record, made in Brooklyn, N. Y., Oct. 15, 1872, by John Hatfield, was 400 feet 7½ inches. Lejeune's throw was made at a baseball field day, was carefully measured and will stand as official.

COLLEGE BASEBALL IN 1910.

WESTERN.*

CLUB.	Illinois.	Notre Dame.	Purdue.	Chicago.	Wisconsin.	Indiana.	Arkansas.	Iowa.	Michigan.	Marquette.	Minnesota.	Wabash.	DePauw.	Northwestern.	Beloit.	Missouri.	Games won.
Illinois			1	3	1	1		1			1						9
Notre Dame								1			1	3		1	2		7
Purdue				1	1	1							1	2			6
Chicago						2					1			1			4
Wisconsin								2			1			1			4
Indiana			1	1										2			4
Arkansas		1		1												2	4
Iowa										2					1		3
Michigan		2															2
Marquette											2						2
Minnesota					1								1				1
Wabash														1			1
DePauw											1						1
Northwestern																	
Beloit																	
Missouri																	
Games lost	3	2	6	5	2	1	3		1	1	7	4	2	7	3	2	48

*In this and the following table only games played with each other by the nines represented are included. The teams played independent schedules, making it impossible to figure out the exact relative standing of each club.

EASTERN.

CLUB.	Pennsylvania.	Princeton.	Yale.	Harvard.	Cornell.	Amherst.	Williams.	Holy Cross.	Dartmouth.	West Point.	Georgetown.	Vermont.	Brown.	Virginia.	Annapolis.	Columbia.	Games won.
Pennsylvania			2		2	1					1			3	1		10
Princeton			2			1					1		2	1		1	8
Yale	1	1		2	1	1						1		1			8
Harvard			1		1		1	1					1	1			6
Cornell	1		1				1		1		1					1	6
Amherst				1		1		1	1				1	1			6
Williams		1	1		1			1									5
Holy Cross					1				1				1	2			5
Dartmouth				1	1	1											3
West Point			1						1						1		3
Georgetown				1	1					1					1		3
Vermont									1		1						2
Brown		1															1
Virginia												1			•		1
Annapolis																	
Columbia																	
Games lost	2	2	9	4	9	4	3	3	6		5	1	5	9	3	2	67

The annual Yale-Harvard series resulted: June 21—Yale, 12; Harvard, 5. June 23—Harvard, 8; Yale, 2. June 28—Yale, 10; Harvard, 9.

MARATHON RACING.

The following table gives the result of the more important Marathon (26 miles 385 yards) foot races in 1910:

Date, place and winner.	Time.
Jan. 30—San Francisco—Dorando Pietri	2:41:35
March 14—New York—Gus Ljungstrom (20 miles)	1:50:58⅗
April 2—New York—Gus Ljungstrom	2:34:08⅖
April 19—Boston—Fred L. Cameron	2:28:52⅘
April 24—New York—T. Johansen	2:39:42⅕
May 14—St. Louis—L. J. Pillivant	2:53:53
Aug. 26—Lawrence, Mass.—J. Svanberg	2:29:40
Sept. 24—Chicago—L. J. Pillivant (10 miles)	:56:44
Oct. 8—Chicago—Sydney Hatch	3:32:00

I. A. C. MARATHON RACE.

The Marathon race under the auspices of the Illinois Athletic club of Chicago, run annually for five years, was discontinued in 1910, and shorter cross-country races were substituted. The record of the event stands:

Year. Winner.	Time.
1905—Rhud Mizner	3:15:00
1906—Dennis Bennett	2:41:33
1907—Alexander Thibeaux	3:00:10
1908—Albert Corey	2:57:30
1909—L. J. Pillivant	2:55:15

PEDESTRIANISM.

WESTON'S GREAT PERFORMANCE.

Edward P. Weston, who in 1909 walked from New York to San Francisco, starting March 15 and finishing July 14, bettered the performance in 1910 by walking from Los Angeles to New York in seventy-seven days. He left the California city Feb. 3 and arrived in New York May 2, beating his proposed schedule of ninety days by thirteen. He followed the route of the Santa Fe railroad to Chicago, and after that the lines of the Lake Shore and New York Central roads. He did not walk on Sundays. He reached Albuquerque, N. M., Feb. 23; Kansas City, Mo., March 23; Chicago, April 4, and Albany, N. Y., April 27. His total mileage was 3,483. The performance was considered a remarkable one for a man 72 years of age.

SHORTHAND SPEED RECORDS.

Clyde H. Marshall of Kingston, N. Y., with an average of 268 words a minute, won the national shorthand reporting championship and cup at Denver, Col., Aug. 24, 1910. Willard B. Bottome of New York, holder of the title and ineligible for the cup again, broke the world's record with an average of 289 words a minute.

FOOTBALL RESULTS IN 1910.

MICHIGAN.

Date.	Eleven.	Op.	Mich.
Oct.	8—Case	0	3
Oct.	15—Michigan A. C.	3	6
Oct.	22—Ohio State	3	3
Oct.	30—Syracuse	0	11
Nov.	12—Pennsylvania	0	0
Nov.	19—Minnesota	0	6

MINNESOTA.

		Op.	Minn.
Sept.	24—Lawrence	0	34
Oct.	1—South Dakota	0	17
Oct.	8—Ames	0	49
Oct.	14—Nebraska	0	27
Oct.	30—Chicago	0	24
Nov.	12—Wisconsin	0	28
Nov.	19—Michigan	6	0

ILLINOIS.

		Op.	Ill.
Oct.	1—Milliken	0	13
Oct.	8—Drake	0	29
Oct.	15—Chicago	0	3
Oct.	30—Purdue	0	11
Nov.	5—Indiana	0	3
Nov.	12—Northwestern	0	27
Nov.	19—Syracuse	0	3

INDIANA.

		Op.	Ind.
Oct.	8—Chicago	0	6
Oct.	15—Milliken	0	34
Oct.	22—Wisconsin	3	12
Oct.	30—Butler	0	33
Nov.	5—Illinois	3	0
Nov.	19—Purdue	0	15

CHICAGO.

		Op.	Chi.
Oct.	8—Indiana	6	0
Oct.	15—Illinois	3	0
Oct.	22—Northwestern	0	10
Oct.	30—Minnesota	24	0
Nov.	5—Purdue	5	14
Nov.	12—Cornell	18	0
Nov.	19—Wisconsin	10	0

WISCONSIN.

		Op.	Wis.
Oct.	8—Lawrence	6	6
Oct.	22—Indiana	12	3
Oct.	30—Northwestern	0	0
Nov.	12—Minnesota	28	0
Nov.	19—Chicago	0	10

NEBRASKA.

		Op.	Neb.
Oct.	8—South Dakota	0	12
Oct.	15—Minnesota	27	0
Oct.	22—Denver	0	27
Nov.	5—Kansas	0	6
Nov.	12—Ames	0	24
Nov.	24—Haskell	0	119

NORTHWESTERN.

		Op.	Nor.
Oct.	1—Wesleyan	3	0
Oct.	8—Iowa	5	10
Oct.	22—Chicago	10	0
Oct.	30—Wisconsin	0	0
Nov.	12—Illinois	27	0

PURDUE.

		Op.	Pur.
Oct.	8—Wabash	3	0
Oct.	22—Iowa	16	0
Oct.	30—Illinois	11	0
Nov.	5—Chicago	14	5
Nov.	12—De Pauw	6	14
Nov.	19—Indiana	15	0

BELOIT.

		Op.	Bel.
Oct.	8—Plattville	0	40
Oct.	15—Knox	0	45
Oct.	30—Lawrence	0	9
Nov.	15—Lake Forest	18	8

IOWA.

		Op.	Iowa.
Oct	8—Northwestern	10	0
Oct.	15—Missouri	5	0
Oct.	22—Purdue	0	16
Nov.	5—Ames	0	2
Nov.	12—Drake	0	21
Nov.	19—Washington U.	0	38

ARKANSAS.

		Op.	Ark.
Oct.	15—Kansas Ag.	5	0
Oct.	30—Texas A. and M.	0	5
Nov.	5—Washington U.	0	50
Nov.	12—Missouri S. & M.	2	6
Nov.	24—Louisiana	0	51

WABASH.

		Op.	Wab.
Oct.	8—Purdue	0	3
Oct.	14—Butler	0	48
Oct.	22—St. Louis	0	10

LAKE FOREST.

		Op.	L. F.
Oct.	8—Ill. Wesleyan	3	0
Nov.	15—Beloit	8	18

NOTRE DAME.

		Op.	N. D.
Oct.	8—Olivet	0	48
Oct.	22—Buchtel	0	51
Oct.	30—Michigan Ag.	17	0
Nov.	12—Rose Poly.	3	41
Nov.	19—Ohio Northern	0	47
Nov.	24—Marquette	5	5

MARQUETTE.

		Op.	Mar.
Oct.	15—Denver	0	0
Oct.	22—Creighton	3	18
Oct.	30—St. John's	0	86
Nov.	5—Michigan Ag.	3	2
Nov.	12—Carroll	0	42
Nov.	24—Notre Dame	5	5

YALE.

		Op.	Yale.
Sept.	28—Wesleyan	0	22
Oct.	1—Syracuse	6	12
Oct.	5—Tufts	0	17
Oct.	8—Holy Cross	0	12
Oct.	15—West Point	9	3
Oct.	22—Vanderbilt	0	0
Oct.	30—Colgate	0	19
Nov.	5—Brown	21	0
Nov.	12—Princeton	3	5
Nov.	19—Harvard	0	0

HARVARD.

		Op.	Har.
Sept.	28—Bates	0	22
Oct.	1—Bowdoin	0	32
Oct.	8—Williams	0	21
Oct.	15—Amherst	0	17
Oct.	22—Brown	0	12
Oct.	30—West Point	0	6
Nov.	5—Cornell	5	27
Nov.	12—Dartmouth	0	18
Nov.	19—Yale	0	0

PENNSYLVANIA.

		Op.	Pa.
Sept.	28—Dickinson	0	18
Oct.	1—Gettysburg	0	29
Oct.	5—Franklin	0	17
Oct.	15—Brown	0	20
Oct.	22—Penn State	0	10
Oct.	30—Carlisle	5	17
Nov.	5—Lafayette	0	18
Nov.	12—Michigan	0	0

AMHERST.

		Op.	Am.
Oct.	1—Springfield T. S.	0	0
Oct.	8—Wesleyan	0	3
Oct.	15—Harvard	17	0
Oct.	22—Bowdoin	3	0
Oct.	30—Worcester Poly.	0	25
Nov.	5—Dartmouth	15	3

PRINCETON.

		Op.	Pr.
Oct.	1—Stevens	0	18
Oct.	5—Villa Nova	0	36
Oct.	8—New York univ.	0	12
Oct.	15—Lafayette	0	3
Oct.	22—Carlisle	0	6
Oct.	30—Dartmouth	0	8
Nov.	5—Holy Cross	0	17
Nov.	12—Yale	5	3

CORNELL.

		Op.	Cor.
Sept.	28—Hobart	0	50
Oct.	1—Rensselaer	0	24
Oct.	8—Oberlin	0	0
Oct.	15—St. Bonaventure	0	47
Oct.	22—Vermont	5	15
Nov.	5—Harvard	27	5
Nov.	12—Chicago	0	18
Nov.	19—Penn Freshmen	25	6

CARLISLE.

		Op.	Car.
Sept.	24—Villa Nova	0	6
Sept.	28—Muhlenberg	0	39
Oct.	5—Dickinson	0	24
Oct.	8—Bucknell	0	39
Oct.	15—Syracuse	14	0
Oct.	22—Princeton	6	0
Oct.	30—Pennsylvania	17	5
Nov.	5—Virginia	5	22
Nov.	12—Navy	6	0
Nov.	19—Johns Hopkins	0	12

NAVY.

		Op.	Navy.
Oct.	1—St. Johns	0	16
Oct.	8—Rutgers	0	0
Oct.	15—Wash. & Jeff.	0	15
Oct.	22—Virgina Poly.	0	3
Oct.	30—Western Reserve.	0	17
Nov.	5—Lehigh	0	20
Nov.	12—Carlisle	0	6
Nov.	19—New York univ.	0	9
Nov.	26—Army	0	3

ARMY.

		Op.	Army.
Oct.	8—Tufts	0	24
Oct.	15—Yale	3	9
Oct.	22—Lehigh	0	28
Oct.	30—Harvard	6	0
Nov.	5—Springfield T. S.	0	5
Nov.	12—Villa Nova	0	13
Nov.	19—Trinity	0	17
Nov.	26—Navy	3	0

DARTMOUTH.

		Op.	Dar.
Oct.	1—Mass. Ag. Col.	0	6
Oct.	8—Colby	0	18
Oct.	15—Vermont	0	23
Oct.	22—Williams	0	39
Oct.	30—Princeton	6	0
Nov.	5—Amherst	3	15
Nov.	12—Harvard	18	0

BROWN.

		Op.	Br.
Oct.	1—Norwich	0	31
Oct.	5—Rhode Island	0	5
Oct.	8—Colgate	0	0
Oct.	15—Pennsylvania	20	0
Oct.	22—Harvard	12	0
Oct.	30—Tufts	9	27
Nov.	5—Yale	0	21
Nov.	12—Vermont	0	50

WILLIAMS.

		Op.	Wil.
Sept.	24—Rensselaer	0	0
Oct.	1—Union	0	29
Oct.	8—Harvard	21	0
Oct.	15—New York univ.	3	3
Nov.	5—Wesleyan	0	3

HORSE RACING.

RECORD SALES OF THOROUGHBREDS AND TROTTERS.

Giving name of horse, place and date of sale, buyer and price.

Flying Fox—London, 1900, Edmond Blanc, Paris, $191,250.
Ormonde—London, 1888, W. MacDonough, San Francisco, $150,000.
Arion—San Francisco, 1892, J. M. Forbes, Boston, $125,000.
Rock Sand—London, 1906, August Belmont, New York, $125,000.
Axtell—Chicago, 1889, W. J. Ijams, Terre Haute, Ind., $105,000.
St. Blaise—New York, 1891, Charles Reed, Gallatin, Tenn., $100,000.
Nasturtium—New York, 1901, W. C. Whitney, New York, $50,000.
Hermis—New York, 1903, E. R. Thomas, New York, $60,000.
Dan Patch—Minneapolis, 1903, M. W. Savage, Minneapolis, $60,000.
Hamburg—New York, 1904, W. C. Whitney, New York, $70,000.
Allen Winter—Lexington, Ky., 1908, I. Schlesinger, Vienna, $50,000.
Hamburg Belle—Cleveland, O., 1909, H. M. Hanna, Cleveland, $50,000.
Flair—Newmarket, England, 1909, $75,000.

KENTUCKY DERBY.

For 3-year-olds, Louisville, Ky. Distance changed in 1896 from 1½ to 1¼ miles.

1890—Riley, 118lbs, 2:45; $5,460.
1891—Kingman, 122lbs, 2:52½; $4,680.
1892—Azra, 122lbs, 2:41½; $4,230.
1893—Lookout, 122lbs, 2:39¼; $4,090.
1894—Chant, 122lbs, 2:41; $4,000.
1895—Halma, 122lbs, 2:37½.
1896—Ben Brush, 117lbs, 2:07¾.
1897—Typhoon II., 117lbs, 2:12½.
1898—Plaudit, 117lbs, 2:09.
1899—Manuel, 117lbs, 2:12.
1900—Lieut. Gibson, 117lbs, 2:06¼.
1901—His Eminence, 117lbs, 2:07¾.
1902—Alan a-Dale, 117lbs, 2:08¾; $6,000.
1903—Judge Himes, 117lbs, 2:09; $6,000.
1904—Elwood, 117lbs, 2:08½; $5,000.
1905—Agile, 122lbs, 2:10¾; $6,000.
1906—Sir Huon, 117lbs, 2:08⅗; $5,000.
1907—Pink Star, 117lbs, 2:12⅘; $5,000.
1908—Stone Street, 117lbs, 2:15⅕; $6,000.
1909—Wintergreen, 117lbs, 2:08⅕; $5,000.
1910—Donau, 112lbs, 2:06⅘; $6,000.

FUTURITY STAKES.

For 2-year-olds, 170 feet less than ¾-mile, Sheepshead Bay, N. Y. (Saratoga in 1910.)

1890—Potomac, 115lbs, 1:14⅛; $67,675.
1891—His Highness, 130lbs, 1:15⅛; $61.675.
1892—Morello, 118lbs, 1:12⅛; $40,450.
1893—Domino, 130lbs, 1:12⅝; $49,350.
1894—The Butterflies, 112lbs, 1:11; $48,710.
1895—Requital, 119lbs, 1:11⅝; $53,190.
1896—Ogden, 115lbs, 1:10; $43,790.
1897—L'Alouette, 115lbs, 1:11; $34,200.
1898—Martimas, 118lbs, 1:12⅝; $36,610.
1899—Chacornac, 114lbs, 1:10⅘; $41,200.
1900—Ballyhoo Bey, 112lbs, 1:10; $33,830.
1901—Yankee, 119lbs, 1:09⅕; $38,750.
1902—Savable, 119lbs, 1:14; $45,400.
1903—Hamburg Belle, 114lbs, 1:13; $36,300.
1904—Artful, 114lbs, 1:11⅘; $54,290.
1905—Ormondale, 117lbs, 1:11⅘; $33,680.
1906—Electioneer, 117lbs, 1:13⅘; $37,270.
1907—Colin, 125lbs, 1:11⅕; $32,600.
1908—Maskette, 118lbs, 1:11⅕; $25,000.
1909—Sweep, 126lbs, 1:11⅘; $27,000.
1910—Novelty, 127lbs, 1:12⅕; $23,800.

BROOKLYN HANDICAP.

1¼ miles—Gravesend, L. I.

1890—Castaway II., 100lbs, 2:10; $6,900.
1891—Tenny, 128lbs, 2:10; $14,800.
1892—Judge Morrow, 116lbs, 2:08¾; $17,750.
1893—Diablo, 112lbs, 2:09; $17,500.
1894—Dr. Rice, 112lbs, 2:07¼; $17,750.
1895—Hornpipe, 105lbs, 2:11¼; $7,750.
1896—Sir Walter, 113lbs, 2:18½; $7,750.
1897—Howard Mann, 106lbs, 2:09¾; $7,750.
1898—Ornament, 127lbs, 2:10; $7,800.
1899—Banastar, 110lbs, 2:06¼; $10,000.
1900—Kinley Mack, 122lbs, 2:10; $10,000.
1901—Conroy, 102lbs, 2:09; $10,000.
1902—Reina, 104lbs, 2:07; $10,000.
1903—Irish Lad, 103lbs, 2:05⅘; $15,150.
1904—The Picket, 119lbs, 2:06⅘; $16,000.
1905—Delhi, 124lbs, 2:06⅘; $16,000.
1906—Tokalon, 108lbs, 2:05⅘; $20,000.
1907—Superman, 99lbs, 2:09; $20,000.
1908—Celt, 106lbs, 2:04½; $25,000.
1909—King James, 126lbs, 2:04; $5,000.
1910—Fitz Herbert, 130lbs, 2:05⅘; $6,000.

SUBURBAN HANDICAP.

1¼ miles—Sheepshead Bay, N. Y.

1890—Salvator, 127lbs, 2:06½; $6,900.
1891—Loantaka, 110lbs, 2:07; $9,900.
1892—Montana, 115lbs, 2:07⅗; $17,750.
1893—Lowlander, 105lbs, 2:06⅗; $17,750.
1894—Ramapo, 120lbs, 2:06½; $12,070.
1895—Lazzarone, 115lbs, 2:07⅘; $4.730.
1896—Henry of Navarre, 128lbs, 2:07; $5,850.
1897—Ben Brush, 123lbs, 2:07½; $5,850.
1898—Tillo, 119lbs, 2:08½; $6,800.
1899—Imp, 114lbs, 2:05⅘; $10,000.
1900—Kinley Mack, 125lbs, 2:06⅘; $10,000.
1901—Alcedo, 112lbs, 2:05¾; $7,500.
1902—Gold Heels, 124lbs, 2:05½; $10,000.
1903—Africander, 110lbs, 2:10⅘; $10,000.
1903 (Renewal)—Water Boy, 112lbs, 2:04⅘.
1904—Hermis, 127lbs, 2:05; $17,000.
1905—Beldame, 123lbs, 2:05⅘; $20,000.
1906—Go Between, 116lbs, 2:05½; $20,000.
1907—Nealon, 113lbs, 2:06⅘; $20,000.
1908—Ballot, 127lbs, 2:03; $25,000.
1909—Fitz Herbert, 105lbs, 2:03⅘; $5,000.
1910—Olambala, 115lbs, 2:04⅘; $6,000.

AMERICAN TROTTING DERBY.

Bob Douglas won the third American Handicap Trotting Derby at Readville, Mass., Aug. 30, 1910, starting from scratch. Summary of race:

American Derby trotting division, purse $10,000.

D. N. C. Hyam's g. h. Bob Douglas, by Todd, 6,140 feet (A. McDonald) 1
F. X. Nolette's b. h. Oxford Boy, Jr., 5,990 feet (A. McDonald) 2
W. J. Moffitt's ch. m. Alice Roosevelt, 6,065 feet, (Murphy) 3
Miss Lottu Crabtree's br. m. Sonoma Girl, 6,140 feet (McMahan) 4

E. D. M., Maj. Wellington, Jennie Constantine, Kaldar, Baron Dell, Lazarus, Teasel, Olga W., Dora, Husky Harry and Jim Ferry started.

Time—2:29.

RECORD OF EVENT.

1908—Allen Winter, b. h., by Ed Wint-Miss Que, 1,070ft (L. McDonald); time, 2:43.
1909—Baron Alcyon, b. h., by Baron H., 495ft (Earnest); time, 3:09¼.
1910—Bob Douglas, g. h., by Todd, scratch (A. McDonald); time. 2:29.

AMERICAN PACING DERBY.

Aileen Wilson, blk. m., by Arrow Wood, won the pacing division of the American Derby at Readville, Mass., Aug. 30, 1910, from scratch, in 2:27¼. The winner in 1909 was Simon Kenton, br. h., by Bernadotte; time, 3:12.

ENGLISH DERBY.

First race run at Epsom May 4, 1780. In 1784 distance was increased from 1 mile to 1½ miles.

1890—Sain Foin, by Springfield, 2:49¼.
1891—Common, by Isonomy, 2:56⅘.
1892—Sir Hugo, by Wisdom, 2:44.
1893—Isinglass, by Isonomy, 2:43.
1894—Ladas, by Hampton, 2:45⅘.
1895—Sir Visto, by Barcaldine, 2:43⅗.
1896—Persimmon, by St. Simon, 2:42.
1897—Galtee Moore, by Kendal, 2:47.
1898—Jeddah, by Janissary, 2:37.
1899—Flying Fox, by Orme, 2:38⅘.
1900—Diamond Jubilee, by St. Simon, 2:42.
1901—Volodyovski, by Florizel, 2:40⅘.
1902—Ard Patrick, by St. Florian, 2:42½.
1903—Rock Sand, by Sain Foin-Roquebrune.
1904—St. Armant, by Frusquin-Loverule, 2:45⅘.

1905—Cicero, by Cyllene, 3:11.
1906—Spearmint, by Carbine, 2:36⅘ (record).
1907—Orby, by Orme, 2:44.
1908—Signorinetta, by Chalereux-Signorina, 2:39⅘.
1909—Minoru, by Cyllene-Mother Siegel, 2:42⅘.
1910—Lemberg, by Cyllene-Galicia, 2:35⅕.

GRAND PRIX DE PARIS.

First race run in 1863. Distance about 1 mile 7 furlongs. Stake, $40,000.
1901—Cheri, by St. Damien.
1902—Kizil-Kourgan.
1903—Quo Vadis.
1904—Ajax, by Flying Fox-Amie.
1905—Finasseur.
1906—Spearmint.
1907—Sans Souci II.
1908—Northeast (value of race, $72,000).
1909—Verdun, $74,155.
1910—Nuage, $60,000.

BEST RUNNING RECORDS.

¼ mile—:21¼, Bob Wade, 4yrs, Butte, Mont., Aug. 20, 1890.
2½ furlongs—:31½, Best Boy, 2yrs, Clifton, N. J., March 12, 1890.
⅜ mile—:34, Red S., aged, 122lbs, Butte, Mont., July 22, 1896.
½ mile—:46, Geraldine, 4yrs, 122lbs, straight course, Morris Park, Aug. 30, 1899; :46½, Bessie Macklin, 2yrs, 100lbs, Dallas, Tex., Oct. 3, 1899.
3½ furlongs—:40, A. J. Small, 2yrs, Los Angeles, Cal., Jan. 30, 1909, and Royal Prince, 2yrs, Juarez, Mex., Feb. 11, 1910; :40⅘, Carmisa, 2yrs, 102lbs, San Francisco, Cal., Feb. 21, 1908.
4 furlongs—:46⅘, Miss Nett, 2yrs, Belmont park, May 14, 1910.
4½ furlongs—:51⅘, Tanya, 2yrs, 107lbs, Morris Park, straight course, May 12, 1904; :52⅘, Joe Morris, Louisville, Ky., May 8, 1909.
5 furlongs—:56⅘, Maid Marian, 4yrs, 111lbs, Morris Park, straight course, Oct. 9, 1894; :58⅘, Wah Jim, 4yrs, 115lbs, Monmouth Park, N. J., July 17, 1893.
5½ furlongs—1:02⅘, Plater, 2yrs, 107lbs, Morris Park, straight course, Oct. 21, 1902; 1:04⅘, Lady Irma, 2yrs, 85lbs, Los Angeles, Cal., Dec. 28, 1908; 1:05, Fern L., 3yrs, 80lbs, Seattle, Aug. 11, 1908, and Colloquy, 4yrs, 106lbs, at Los Angeles, Cal., Dec. 19, 1908.
6 furlongs, less 170 feet (Futurity course)—1:08, Kingston, aged, 139lbs, Sheepshead Bay, L. I., June 22, 1891.
6 furlongs—1:08, Artful, 2yrs, 130lbs, Morris Park, straight course, Oct. 15, 1904; 1:11, Chapultepec, 3yrs, 112lbs, Los Angeles, Cal., Dec. 28, 1908, and Prince Ahmed, 5yrs, 117lbs, Empire City, July 29, 1909.
6½ furlongs—1:16⅘, Lady Vera, 2yrs, 90lbs, Belmont Park, straight track, Oct. 19, 1906; 1:17⅘, Brookdale Nymph, 4yrs, 124lbs, Belmont Park, circular course, Oct. 14, 1907; 1:18⅕, Oxford, 4yrs, 118lbs, Belmont Park, circular course, Oct. 15, 1906; 1:18⅘, Mineola, 3yrs, 103lbs, Sheepshead Bay, July 5, 1904; also by Martinmas, 3yrs, 90lbs, Sheepshead Bay, Sept. 7, 1904; also by Aeronaut, 3yrs, 107lbs, Belmont Park, Oct. 9, 1905.
⅞ mile—1:22, Roseben, 5yrs, 126lbs, Belmont Park, New York, Oct. 16, 1906; 1:22⅘, Sir Lynnewood, 3yrs, 99lbs, Saratoga, Aug. 9, 1906; 123½, Belle B., 5yrs, 103lbs, Monmouth Park, straight course, July 8, 1890.
7½ furlongs—1:31⅘, Restigouche, 3yrs, 106lbs, Belmont Park, May 29, 1908; 1:32, Dainty, 4yrs, 109 lbs, Oakland, Cal., Dec. 19, 1904, and Welbourne, 3yrs, 94lbs, Belmont Park, June 6, 1906.
1 mile—1:35½, against time, Salvator, 4yrs, 110lbs, Monmouth Park, straight course, Aug. 28, 1890; 1:37¼, in race, Kildeer, 4yrs, 91lbs, Monmouth Park, straight course, Aug. 13, 1892; 1:37½, Centre Shot, 3yrs., 105lbs, Los Angeles, Cal., Dec. 22, 1908; 1:37⅘, Dick Welles, 3yrs, 112lbs, Harlem, Aug. 14, 1903; Kiamesha, 3yrs, 104lbs, Belmont Park, Oct. 9, 1905, and Fern L., 3yrs, 80lbs, Seattle, Aug. 15, 1908.
1 mile and 20 yds—1:40, Maid Marian, 4yrs, 101lbs, Washington Park, July 19, 1893; Macy, 4yrs, 106 lbs, Washington Park, July 2, 1898.
1 mile and 25 yds—1:45½, Ruperta, 3yrs, 107lbs, Latonia, Ky., July 4, 1890.
1 mile and 50 yds.—1:41⅘, Haviland, 6yrs, 98lbs, Washington Park, July 7, 1903.
1 mile and 70 yds.—1:42⅘, Jiminez, 101lbs, Harlem, Sept. 5, 1901; Dalvay, 3yrs, 96lbs, same course, Aug. 31, 1904, and Convent Belle, 4yrs, 94lbs, Seattle, Aug. 24, 1908.
1 mile and 100 yds.—1:44⅘, Grand Opera, 4yrs, 77 lbs, Harlem, Aug. 12, 1903.
1 1-16 miles—1:43⅘, Gretna Green, Fort Erie, Ont., Aug. 28, 1909; 1:44⅘, Royal Tourist, 3yrs, 104lbs, Oakland, Nov. 11, 1908, and Moquette, 4yrs, 102lbs, Latonia, June 8, 1909.
1⅛ miles—1:50, Vox Populi, 3yrs, 110lbs, Los Angeles, Cal., Dec. 19, 1908; 1:50⅘, Charles Edward, 3yrs, 126lbs, Brighton Beach, July 16, 1907, and Green Seal, 4yrs, 107lbs, Seattle, Aug. 20, 1908.
1 3-16 miles—1:57⅘, Scintillant II., 4yrs, 109lbs, Harlem, Sept. 1, 1902.
1¼ miles—2:02⅘, Broomstick, 3yrs, 104lbs, Brighton Beach, July 9, 1904, and Olambala, 4yrs, 122lbs, Sheepshead Bay, July 2, 1910.
1 mile and 500 yds.—2:10½, Bend Or, 4yrs, 115lbs, Saratoga, July 25, 1892.
1 5-16 miles—2:09⅘, Ballot, 4yrs, 126lbs, Sheepshead Bay, July 1, 1908; 2:10⅘, Ironsides, 3yrs, 107lbs, Belmont Park, Oct. 8, 1906, and Bedouin, 111lbs, Belmont Park, Oct. 2, 1905.
1⅜ miles—2:17⅘, Irish Lad, 4yrs, 126lbs, Sheepshead Bay, June 25, 1904.
1½ miles—2:30¼, Goodrich, 3yrs, 102lbs, Washington Park, July 16, 1898.
1⅝ miles—2:45, Fitz Herbert, 3yrs, 122lbs, Sheepshead Bay, July 13, 1909; 2:45½, Africander, 3yrs, 126lbs, Sheepshead Bay, July 7, 1903.
1¾ miles—2:57, Major Daingerfield, 4yrs, 120lbs, Morris Park, Oct. 3, 1903.
1⅞ miles—3:17⅘, Orcagna, Oakland, Cal., March 2, 1909.
2 miles—3:25⅘, Fitz Herbert, 3yrs, 105lbs, Baltimore, Md., Nov. 8, 1909.
2⅛ miles—3:42, Joe Murphy, 4yrs, 99lbs, Harlem, Aug. 30, 1894.
2¼ miles—3:49, Ethelbert, 4yrs, 124lbs, Brighton Beach, Aug. 4, 1900.
2½ miles—4:24½, Kyrat, 3yrs, 88lbs, Newport, Ky., Nov. 8, 1899.
2⅝ miles—4:58½, Ten Broeck, 4yrs, 110lbs, Lexington, Ky., Sept. 16, 1876.
2¾ miles—4:58¾, Hubbard, 4yrs, 107lbs, Saratoga, Aug. 9, 1873.
3 miles—5:19, Mamie Algol, 5yrs, 105lbs, City Park, New Orleans, Feb. 16, 1907.
4 miles—7:11, Lucretia Borgia, 4yrs, 85lbs, against time, Oakland, Cal., May 20, 1897; 7:16½, The Bachelor, 6yrs, 113lbs, Oakland, Cal., Feb. 22, 1899.
10 miles—26:18, Mr. Brown, 6yrs, 160lbs, Rancocas, N. J., March 2, 1880.

HEAT RACING.

¼ mile—:21½, :22¼, Sleepy Dick, aged, Kiowa, Kas., Nov. 24, 1888.
½ mile—:47½, :47½, Quirt, 3yrs, 122lbs, Vallejo, Cal., Oct. 5, 1894; :48, :48, :48, Eclipse, Jr., 4yrs, Dallas, Tex., Nov. 1, 1890.
⅝ mile—1:00, 1:00, Kittie Pease, 4yrs, Dallas, Tex., Nov. 2, 1887.
5½ furlongs—1:09, 1:08¼, 1:09, Dock Wick, 4yrs, 100lbs, St. Paul, Minn., Aug. 5, 1891.
¾ mile—1:10½, 1:12¾, Tom Hayes, 4yrs, 107lbs, Morris Park, straight course, June 17, 1892; 1:13¼, 1:13¼, Lizzie S., 5yrs, 118lbs, Louisville, Ky., Sept. 28, 1883.
1 mile—1:41½, 1:41, Guido, 4yrs, 117lbs, Washington Park, July 11, 1891; 1:43, 1:44, 1:47¾, L'Argentine, 6yrs, 115lbs, St. Louis, Mo., June, 1879.
1 1-16 miles—1:50½, 1:48, Slipalong, 5yrs, 115lbs, Washington Park, Sept. 25, 1885.
1⅛ miles—1:56, 1:54¾, What-Er-Lou, 5yrs, 119lbs, San Francisco, Feb. 18, 1899.
1¼ miles—2:10, 2:14, Glenmore, 5yrs, 144lbs, Sheepshead Bay, Sept. 25, 1880.
1½ miles—2:41¾, 2:41, Patsy Duffy, aged, 115lbs, Sacramento, Cal., Sept. 17, 1884.
2 miles—3:33, 3:31¼, Miss Woodford, 4yrs, 107½lbs, Sheepshead Bay, Sept. 20, 1884.
3 miles—5:27½, 5:29½, Norfolk, 4yrs, 100lbs, Sacramento, Cal., Sept. 23, 1865.
4 miles—7:23½, 7:41, Ferida, 4yrs, 105lbs, Sheepshead Bay, Sept. 18, 1880.

OVER HURDLES.

1 mile, 4 hurdles—1:49, Bob Thomas, 5yrs, 140lbs, Chicago, Ill., Aug. 13, 1890.
Mile heats, 4 hurdles—1:50¾, 1:50¼, Joe Rhodes, 5yrs, 140lbs, St. Louis, Mo., June 4, 1878.
1½ miles, 5 hurdles—2:02¾, Winslow, 4yrs, 138lbs, Chicago, Ill., Aug. 29, 1888.
1¼ miles, 5 hurdles—2:16, Jim McGowan, 4yrs, 127lbs, Brighton Beach, Coney Island, Nov. 9, 1882.
1⅝ miles, 5 hurdles—2:35, Guy, aged, 155lbs, Latonia, Ky., Oct. 8, 1885.
1½ miles, 6 hurdles—2:46¾, Ludovic, 102lbs, San Francisco, Nov. 14, 1894; 2:47, Kitty Clark, 3yrs, 130lbs, Brighton Beach, Coney Island, Aug. 23, 1881, and Speculation, 6yrs, 125lbs, same course, July 19, 1881.
1¾ miles, 7 hurdles—3:16, Turfman, 5yrs, 140lbs. Saratoga, N. Y., Aug. 7, 1882.
1¾ miles, 7 hurdles—3:17, Kitty Clark, 4yrs, 142lbs, Monmouth Park, N. J., July 12, 1882.
2 miles, 8 hurdles—3:47½, Tom Leathers, aged, 117 lbs, New Orleans, La., April 16, 1875.
Steeplechase, full course—4:15, Disturbance, aged, 155lbs, Jerome Park, 1883; 4:21, Jim McGowan, 5yrs, 160lbs, Jerome Park, 1883.

LONG-DISTANCE RIDING.

10 miles—20:02, Miss Belle Cook, 5 horses, changing five times, Minneapolis, Minn., Sept. 10, 1882.
20 miles—40:59, Little Cricket, changing horses at will, Minneapolis, Minn., Sept. 7, 1882.
50 miles—1:50:03½, Carl Pugh, ten horses, changing at will, match race, San Bernardino, Cal., July 7, 1883. Woman: 2:27:00, Miss Nellie Burke, Galveston, Tex., Feb. 24, 1884.
60 miles—2:33:00, George Osbaldiston, 11 horses, Newmarket, England, Nov. 5, 1831.
100 miles—4:19:40, George Osbaldiston, 16 horses, as above.

BEST TROTTING RECORDS.

¼ mile—:28½, Major Delmar (with wind shield), Empire track, New York, Sept. 25, 1903.
½ mile—:58¾, Lou Dillon, at Cleveland, Sept. 17, 1904; in race, 1:01, Major Delmar, Memphis, Oct. 23, 1903.
1 mile—1:58½, Lou Dillon, Memphis, Tenn., Oct. 24, 1903 (with wind shield); best mile by gelding, 1:59¾ (with wind shield). Major Delmar, Memphis, Tenn., Oct. 27, 1903. Best mile by stallion, 2:01, The Harvester, at Columbus, O., Sept. 21, 1910 (without wind shield); 2:01, Lou Dillon, Memphis, Tenn., Nov. 11, 1904, and 2:01¼, Major Delmar, Memphis, Tenn., Oct. 24, 1904, both without wind shield; in a race, 2:01¾, Hamburg Belle, North Randall, O., Aug. 25, 1909.
1 mile, yearlings—Best mile by a filly, 2:19¼, Miss Stokes, Lexington, Ky., Sept. 17, 1909. Best mile by a colt, 2:23, Adbell, San Jose, Cal., Sept. 28, 1894; race record, 2:26, Adbell, Woodland, Cal., Aug. 27, 1894.
1 mile, 2-year-olds—Best mile by a filly, 2:07¾ (in race), Native Belle, Lexington, Ky., Oct. 6, 1909. Best mile by a colt (in race), 2:09½, Justice Brooke, Lexington, Ky., Oct. 3, 1910. Best mile by a gelding, 2:14¾, Endow, Lexington, Ky., Oct. 14, 1899 (race record).
1 mile, 3-year-olds—Best mile by a colt (in race), 2:04¾, Colorado E., at Lexington, Ky., Oct. 15, 1910. Best mile by a filly (against time), 2:06½, Native Belle, Lexington, Ky., Oct. 14, 1910. Best mile by a trotting stallion (in race), 2:11¼, Silent Brigade, at Lexington, Ky., Sept. 16, 1910; against time, 2:08¾, Kentucky Todd, Columbus, O., Sept. 19, 1907; 2:09¼, Gen. Watts, Readville, Mass., Aug. 20, 1907. Best mile by a gelding, 2:10¼, Justo, Springfield, Ill., July 28, 1908. Best mile on half-mile track, 2:19¼, Ripy, Greensburg, Pa., Aug. 6, 1909.
1 mile, 4-year-olds—Best mile by a colt, 2:05¼, Directum, Nashville, Tenn., Oct. 18, 1893 (race record). Best mile by a filly (in race), 2:04¾, Joan, Lexington, Ky., Oct. 13, 1910. Best mile by a gelding, 2:08, John Nolan, Louisville, Ky., Sept. 28, 1898 (race record), and Boralma, Lexington, Ky., Oct. 4, 1900 (race record).
1 mile, 5-year-olds—Best mile by a colt, 2:06¾, Ralph Wilkes, Nashville, Tenn., Oct. 19, 1894, and Bingen, Louisville, Ky., Sept. 26, 1898 (latter a race record). Best mile by a mare, 1:58½, Lou Dillon, as above. Best mile by stallion (in race), 2:02, The Harvester, Buffalo, N. Y., Aug. 17, 1910. Best mile by a gelding, 2:07, Lord Derby, New York, Sept. 10, 1900.
1 mile, fastest two-heat race—2:01¼, 2:01¾, Hamburg Belle, North Randall, O., Aug. 25, 1909: By a stallion, 2:04¼, 2:03¼, The Harvester, at Cleveland, O., Aug. 13, 1910.
1 mile, fastest three consecutive heats—By a mare, in a race, 2:05, 2:06, 2:04¾, Hamburg Belle, Hartford, Conn., Sept. 7, 1908; by a stallion, in a race, 2:07½, 2:06, 2:06, Cresceus, Cleveland, O., Aug. 1, 1900; Tommy Britton, Columbus, O., Aug. 4, 1899; by gelding, in a race, 2:04¼, 2:05¼, 2:05½, Country Jay, 14yrs, Kalamazoo, Mich., July 29, 1910.
1 mile, fastest four-heat race—2:09, 2:08¼, 2:07¾, 2:08, Fantasy, Readville, Mass., Aug. 27-28, 1896 (Kentucky Union won third heat).
1 mile, fastest five-heat race—2:05¾, 2:04½, 2:05, 2:08½, 2:09, Sweet Marie, Lexington, Ky., Oct. 6, 1904 (Tiverton won the first and second heats). By 3-year-olds, 2:09¼, 2:09¼, 2:11¼, 2:13, 2:09¾, Grace Bond, Memphis, Tenn., Oct. 4 (Alta Axworthy won the third and fourth heats).
1 mile, fastest six-heat race—2:09½, 2:09¾, 2:07½, 2:08, 2:09, 2:09¾, Ozanam, Lexington, Oct. 9, 1902 (Major Delmar won the first and Prince Orange the third and fourth heats).
1 mile, over half-mile track—By a mare, 2:07, Sweet Marie, Allentown, Pa., Sept. 21, 1907; by 3-year-old mare, 2:15¼, Ruth Dillon, Crawfordsville, Ind., Aug. 29, 1907. By a stallion, 2:08, Cresceus, Omaha, Neb., Sept. 19, 1903; by a gelding, 2:05¼, Uhlan, Allentown, Pa., Sept. 21, 1910.
1½ miles—2:22½, Major Delmar, Memphis, Oct. 23, 1902.
2 miles—4:15¼, The Harvester, Lexington, Ky., Oct. 13; 4:17, Cresceus, Memphis, Tenn., Oct. 31, 1902; race record, 4:36½, Nightingale, Buffalo, N. Y., Aug. 9, 1894. On half-mile track, 4:46, Masconoma, Lewiston, Me., Sept. 7, 1906.
3 miles—6:55½, Nightingale, Nashville, Tenn., Oct. 20, 1893; race record, 7:19½, Bishop Hero, Oakland, Cal., Oct. 7, 1893.
4 miles—10:12, Senator L., San Jose, Cal., Nov. 1, 1894; race record, 11:05, Lady Dooley, San Francisco, Cal., July 1, 1869.
5 miles—12:30¾, Bishop Hero, Oakland, Cal., Oct. 14, 1893 (race record).
6 miles—16:08, against time, Long Time, Denver, Col., May 31, 1893.
10 miles—26:15, Pascal, New York city, Nov. 2, 1893; race record, 27:23¼, Controller, San Francisco, Cal., Nov. 23, 1878.
20 miles—58:25, Capt. Macgowan, Boston, Mass., Oct. 2, 1865.
50 miles—3:52:00, Ginger, Bath Road, England, July 10, 1887; America, 3:55:40½, Ariel, Albany, N. Y., May 5, 1846.
100 miles—8:55:53, Conqueror, Long Island, Nov. 12, 1853.

TROTTING TO WAGON.

1 mile—2:00, Lou Dillon, Memphis, Tenn., Oct. 28, 1903; by gelding, 2:01, Uhlan, Cleveland, O., Aug. 18, 1910; two successive heats, 2:05½ and 2:04¼, Major Delmar, Cleveland, O., Oct. 7, 1905.
2 miles—4:38, Pelegon, Belmont, Philadelphia, Oct. 20, 1909.
3 miles—7:30½, Ed Bryan, Point Breeze, Philadelphia, Nov. 8, 1905.
5 miles—13:16, Fillmore, San Francisco, April 18, 1863 (race record).
10 miles—29:04½, Julia Aldrich, San Francisco, Cal., April 20, 1878 (race record).
20 miles—58:57, Controller, San Francisco, April 20, 1878.
50 miles—3:58:08, Spangle, Union course, Long Island, Oct. 15, 1855.

TROTTING TO HIGH SULKY.

1 mile—2:05, Lou Dillon, Cleveland, O., Sept. 11, 1903; 2:07, Major Delmar, Memphis, Tenn., Oct. 26, 1904 (nonball-bearing sulky); 2:08¾, Maud S., Glenville, 1885.

TROTTING UNDER SADDLE.

1 mile—2:10½, Country Jay, Cleveland, O., Aug. 18, 1909.

BEST PACING RECORDS.

¼ mile—:27½, Dan Patch, Memphis, Tenn., Oct. 27, 1903; :28, Star Pointer, Sept. 28, 1897 (against time, accompanied by a running horse).

½ mile—:56, Dan Patch, Memphis, Tenn., Oct. 27, 1903 (against time); :57¼, Star Pointer, Philadelphia, Pa., Sept. 17, 1898 (against time, accompanied by a running horse).

¾ mile—1:26¼, Prince Alert (with wind shield), Empire track, New York, Sept. 23, 1903.

1 mile—1:55, Dan Patch, St. Paul, Sept. 8, 1906 (with dust shield, a runner in front and at one side); 1:55¼, Dan Patch, Lexington, Ky., Oct. 7, 1905 (with wind shield and runner at side); 1:58, Dan Patch, Memphis, Tenn., Nov. 11, 1905 (without wind shield); 1:58½, Minor Heir (without wind shield), Indianapolis, Ind., Sept. 16, 1910; fastest in competition, 1:59, by Minor Heir, at Indianapolis, Ind., Sept. 12, 1910. Best mile by a mare, 2:00¼, Dariel, Memphis, Tenn., Oct. 24, 1903.

1 mile, yearlings—Best mile by a colt against time, 2:22, Rosedale, Stockton, Cal., Nov. 14, 1893; race record, 2:33¾, Ambulator, Sturgis, Mich., Sept. 28, 1893. Best mile by a filly against time, 2:20¾, Belle Acton, Lyons, Neb., Oct. 14, 1892; race record, 2:30¼, Belle Acton, Topeka, Kas., Sept. 14, 1892. Best mile by a gelding, 2:28½, Rollo, Independence, Iowa, Oct. 27, 1891.

1 mile, 2-year-olds—Best mile by a colt against time, 2:07¾, Directly, Galesburg, Ill., Sept. 20, 1894; race record, 2:11, Symbeleer, Dallas, Tex., Nov. 3, 1894. Best mile by a filly, 2:10½, Ecstasy, Lexington, Ky., Oct. 15, 1898 (race record regardless of sex).

1 mile, 3-year-olds—Best mile by a colt, 2:05½, Klatawah, Louisville, Ky., Sept. 22, 1898. Best mile by a filly, 2:09¼, Little Squaw, Dallas, Tex., Oct. 14, 1899. Best mile by a gelding, 2:09¼, Agitator, Woodland, Cal., Aug. 27, 1896, and King of Diamonds, Lexington, Ky., Oct. 17, 1896.

1 mile, 4-year-olds—Best mile by a colt against time, 2:04, Online, Sioux City, Oct. 12, 1894; race record, 2:04½, Searchlight, Dubuque, Iowa, Aug. 23, 1898; Be Sure, Terre Haute, Ind., Aug. 9, 1895, and Ananias, Terre Haute, Ind., Sept. 29, 1897.

1 mile—Best mile by a filly, 2:05¾, The Maid, Columbus, O., Aug. 2, 1899 (race record). Best mile by a gelding, kite-shaped track, W. Wood, Stockton, Cal., Nov. 1, 1892; race record, 2:07¼, Palmyra Boy, Indianapolis, Ind., Sept. 14, 1897, and King of Diamonds, St. Joseph, Mo., Aug. 28, 1897.

1 mile, 5-year olds—Best mile by a stallion, 2:03¼, Searchlight, Columbus, O., Aug. 2, 1899 (race record). Best mile by a mare, 2:05¾, Bessie Bonehill, Terre Haute, Ind., Sept. 29, 1897 (race record). Best mile by a gelding, 2:02¾, Caney, Cleveland, O., July 24, 1900 (race record).

1 mile, fastest two-heat race—2:01½, 2:01, Minor Heir, Terre Haute, Ind., July 17, 1908. By a mare, 2:03, 2:03¼, The Broncho, Cleveland, O., Aug. 3, 1906.

1 mile, fastest three-heat race—2:00¾, 2:02¼, 2:03½, Bolivar, Readville, Mass., Aug. 25, 1906; fastest three consecutive heats, 2:03, 2:03¼, 2:02¾, The Broncho, Cleveland, O., Aug. 3, 1906; 2:03¼, 2:02½, 2:03¼, Lady Maud C., Springfield, Ill., Oct. 8, 1909; 2:02½, 2:03½, 2:03¾, Star Pointer, Boston Mass., Sept. 18, 1896.

1 mile, fastest four-heat race—2:03¾, 2:04½, 2:04½, 2:02¾, Robert J., Columbus, O., Aug. 6, 1896 (Frank Agan won first heat).

1 mile, fastest five-heat race—2:01½, 2:01, 2:05½, 2:08, 2:07. Minor Heir, Terre Haute, Ind., July 17. (The Eel won the third and fourth heats.)

1 mile, fastest six-heat race—2:07¼, 2:05¾, 2:04¼, 2:05¼, 2:07¼, 2:06¼, Planet, Columbus, O., Aug. 7, 1897 (Aileen won first and Frank Bogash second and third heats); 2:04½, 2:04¾, 2:05¾, 2:05½, 2:07, 2:08¾, Anaconda, Terre Haute, Ind., Sept. 21, 1898 (Bumps won first and second and Directly third heats).

1 mile, fastest seven-heat race—2:00½, 2:02, 2:05¾, 2:08½, 2:06½, 2:06¼, 2:07½ (first two by Minor Heir, third by The Eel, fourth by Copa de Oro and last three by Jersey B.), Lexington, Ky., Oct. 6, 1908.

1 mile, half-mile track—2:04¼, Joe Patchen, Boston, Mass., Oct. 28, 1896; race record, 2:04¾, Joe Patchen, Lima, O., July 4, 1900, and Prince Alert, Allentown, Pa., Sept. 25, 1901.

2 miles—4:19¼, Chehalis, Salem, Ore., Oct. 7, 1897; by a stallion, 4:24¼, Nervolo, Memphis, Oct. 29, 1902.

3 miles—7:31½, Elastic Pointer, Kendallville, Ind., Sept. 30, 1909; race record, 7:44, James K. Polk, Centerville, L. I., Sept. 13, 1847.

4 miles—10:10. Joe Jefferson, Knoxville, Iowa, Nov. 13, 1891; race record, 10:34½, Longfellow, San Francisco, Cal., Dec. 31, 1869.

5 miles—12:54¾, Lady St. Clair, San Jose, Cal., Dec. 11, 1874 (race record and to wagon).

PACING TO WAGON.

1 mile—1:57¼, Dan Patch, Memphis, Tenn., Oct. 27, 1903; best three heats in race, 2:06¼, 2:04½, 2:06¼, Angus Pointer, Memphis, Tenn., Oct. 20, 1904 (Baron Grattan won first heat). Best mile by mare (against time), 2:04½, Aileen Wilson, Lexington, Ky., Oct. 13, 1910.

3 miles—7:53, Longfellow, Sacramento, Cal., Sept. 21, 1868.

5 miles—12:54¾, Lady St. Clair, as above.

TEAMS TO POLE.

¼ mile—:29¾, Hontas Crooke and Prince Direct, Cleveland, O., July 22, 1905.

½ mile—1:00¾, Prince Direct and Morning Star, Memphis, Tenn., Oct. 21, 1904.

1 mile—2:02¾, Hedgewood Boy and Lady Maud C., Grand Rapids, Mich., Aug. 13, 1909.

ONE-MILE TROTTING RECORDS.

Made since 1806.

Horse.	Time.	Month.	Year.
Yankee	2:59	June	1806
Boston Horse	2:48½	August	1810
Trouble	2:43½		1826
Edwin Forrest	2:31½	May 9	1834
Lady Suffolk	2:29½	Oct. 13	1845
Pelham	2:28	July 2	1849
Highland Maid	2:27	June 15	1853
Flora Temple	2:24½	Sept. 2	1856
Flora Temple	2:22	Aug. 9	1859
Flora Temple	2:21½	Oct. 7	1859
Flora Temple	2:19¾	Oct. 15	1859
Dexter	2:19	July 30	1867
Dexter	2:17¼	Aug. 14	1867
Goldsmith Maid	2:17	Sept. 6	1871
Goldsmith Maid	2:16¾	June 9	1872
Goldsmith Maid	2:16	July 16	1874
Goldsmith Maid	2:15½	Aug. 7	1874
Goldsmith Maid	2:14¾	Aug. 12	1874
Goldsmith Maid	2:14	Sept. 2	1874
Rarus	2:13¾	Aug. 3	1878
St. Julien	2:12¾	Oct. 25	1879
Maud S.	2:11¾	Aug. 12	1880
St. Julien	2:11¼	Aug. 27	1880
Maud S.	2:10¾	Sept. 18	1880
Maud S.	2:10½	July 13	1881
Maud S.	2:10¼	Aug. 11	1881
Jay Eye See	2:10	Aug. 1	1884
Maud S.	2:09¾	Aug. 2	1884
Maud S.	2:09¼	Nov. 11	1884
Maud S.	2:08¾	July 30	1885
Sunol	2:08¼	Oct. 20	1891
Nancy Hanks	2:07¼	Aug. 17	1892
Nancy Hanks	2:05¼	Aug. 31	1892
Nancy Hanks	2:04	Sept. 23	1892
Allx	2:03¾	Sept. 19	1894
The Abbot	2:03¼	Sept. 25	1900
Cresceus	2:02¾	July 26	1901
Cresceus	2:02¼	Aug. 2	1901
Lou Dillon	2:00	Aug. 24	1903
Major Delmar	2:00	Sept. 25	1903
*Cresceus	1:59¾	Oct. 19	1903
Lou Dillon	1:58½	Oct. 24	1903

*Not allowed.

ONE-MILE PACING RECORDS.

Made since 1839.

Horse.	Time.	Month.	Year.
Drover	2:28	Oct. 3	1839
Fannie Ellsler	2:27½	Aug. 2	1844
Unknown	2:23	Aug. 2	1844
Pet	2:21¼	Aug. 2	1851
Pet	2:18½	Sept. 9	1852
Pocahontas	2:17½	June 21	1855
Yankee Sam	2:16½	Oct. 21	1869
Sweetzer	2:16	Oct. 3	1877

Horse.	Time.	Month.	Year.
Sleepy George	2:15	Aug. 7	1878
Sleepy Tom	2:14½	July 16	1879
Sleepy Tom	2:12¼	July 25	1879
Little Brown Jug	2:11½	Aug. 24	1881
Johnston	2:10	Oct. 9	1883
Direct	2:06	Sept. 4	1891
Hal Pointer	2:05¼	Sept. 22	1892
Mascot	2:04	Sept. 29	1892
Robert J.	2:03¾	Aug. 31	1894
Robert J.	2:02½	Sept. 6	1894
Robert J.	2:01½	Sept. 14	1894
John R. Gentry	2:00½	Sept. 24	1896
Star Pointer	1:59¼	Aug. 28	1897
Dan Patch	1:59	Aug. 19	1903
Prince Alert	1:57	Sept. 23	1903
Dan Patch	1:56¼	Oct. 22	1903
Dan Patch	1:56	Oct. 26	1904
Dan Patch	1:55¼	Oct. 7	1905
Dan Patch	1:55	Sept. 8	1906

RECORDS LOWERED OR TIED IN 1910.

The best performances on the American turf in 1910, chronologically arranged, were as follows:

Feb. 11—7-16 mile, running, :40, Royal Prince, Juarez, Mexico.

May 14—4 furlongs, running, :46⅘, Miss Nett, 2 years old, Belmont Park, N. Y.

July 2—1¼ miles, running, 2:02⅘, Olambala, Sheepshead Bay, N. Y. (Record tied.)

July 9—1 mile, trotting to wagon, fastest mile by gelding, 2:02¾, Uhlan, Cleveland, O.

July 29—1 mile, trotting, fastest three heats (two to win), 2:04¼, 2:05¼, 2:02½, Country Jay, 14-year-old gelding, Kalamazoo, Mich.

Aug. 2—1 mile, trotting, fastest heat by 5-year-old stallion and best two-heat race won by a stallion, 2:04¼, 2:04¼, The Harvester, Detroit, Mich.

Aug. 8—1 mile, trotting to wagon, fastest by gelding, 2:01, Uhlan, Cleveland, O.

Aug. 12—1 mile trotting to sulky, without wind shield, by gelding, 1:58¾, Uhlan, Cleveland, O.

Aug. 13—1 mile, trotting, fastest heat by 5-year-old stallion and fastest two-heat race by any stallion, 2:04¼, 2:03¼, The Harvester, Cleveland, O.

Aug. 17—1 mile, trotting, fastest third heat by stallion and fastest mile by 5-year-old trotter, 2:02, The Harvester, Buffalo, N. Y.

Aug. 23—1 mile, trotting, fastest two consecutive heats by 3-year-old trotter, 2:07¼, 2:07¾, Colorado E., Yonkers, N. Y.

Aug. 25—1 mile, pacing, fastest in race, 2:00, Minor Heir, Galesburg, Ill.

Aug. 31—1 mile, trotting, fastest mile and fastest two consecutive heats by 3-year-old trotter, 2:06½, 2:07¾, Colorado E., Readville, Mass.

Sept. 12—1 mile, pacing, fastest in race, 1:59, Minor Heir, Indianapolis, Ind.

Sept. 15—1 mile, trotting, fastest mile by stallion, paced by runner, without wind shield, 2:01¼, The Harvester, Syracuse, N. Y.

Sept. 16—1 mile, pacing, against time, paced by runner, 1:58½, Minor Heir, Indianapolis, Ind.

Sept. 16—1 mile, trotting, fastest mile by 3-year-old stallion in race, 2:11¼, Silent Brigade, Lexington, Ky.

Sept. 20—1 mile, trotting; fastest mile by 4-year-old filly, in race, 2:05½, Joan, Columbus, O.

Sept. 21—1 mile, trotting, on half-mile track, against time, without wind shield, 2:05¾, Uhlan, Allentown, Pa.

Sept. 21—1 mile, trotting, fastest mile in race by 3-year-old trotter, 2:05¾, Colorado E., Columbus, O.

Sept 22—1 mile, trotting, fastest mile by stallion against time, without wind shield, 2:01. The Harvester, Columbus, O.

Oct. 3—1 mile, trotting, fastest mile by 2-year-old trotter, 2:09½, Justice Brooke, Lexington, Ky.

Oct. 13—2 miles, trotting, 4:15¼, The Harvester, Lexington, Ky.

Oct. 13—1 mile, trotting, fastest mile by 4-year-old trotter (third heat in race), 2:04¾, Joan, Lexington, Ky.

Oct. 13—1 mile, pacing, to wagon, best mile by a mare, 2:04½, Aileen Wilson, Lexington, Ky.

Oct. 14—1 mile, trotting, fastest mile by 3-year-old filly, against time, 2:06½, Native Belle, Lexington, Ky.

Oct. 14—1 mile, trotting, third heat in race, 2:04¾, General H., Lexington, Ky. (Equals world's record.)

Oct. 14—1 mile, trotting, fifth heat in a race, 2:07¾, Spanish Queen, Lexington, Ky. (Equals world's record.)

Oct. 14—1 mile, pacing, three fastest last quarters in a race, :28¾, :29, :29¼, Earl Jr., Lexington, Ky.

Oct. 15—1 mile, trotting, fastest mile trotting or pacing by 3-year-old, 2:04¾, Colorado E., Lexington, Ky.

BEST PERFORMANCES.

Best performances in 1910 by trotters of different ages and sexes:

Yearling colt, Benear, by Bingara	2:27¾
Yearling filly, Princess Todd, by Kentucky Todd	2:29¼
2-year-old colt, Justice Brooke, by Barongale	2:09½
2-year-old filly, Miss Stokes, by Peter the Great	2:09¼
3-year-old colt, Colorado, by The Bondsman	2:05¾
3-year-old filly, Native Belle, by Moko	2:07¾
4-year-old colt, Billy Burke, by Silent Brook	2:06¾
4-year-old filly, Joan, by Directum Spier	2:04¾
Stallion, The Harvester, by Walnut Hall	2:01
Mare, Sonoma Girl, by Lynwood W.	2:04¼
Gelding Uhlan, by Bingen	1:58¾
New performer, Joan, by Directum Spier	2:05¾

FLY AND BAIT CASTING.

[Compiled by Fred N. Peet, 710 West Madison street, Chicago, Ill.]

NATIONAL ASSOCIATION RECORDS.

Following are the records made under the rules of the National Association of Scientific Angling Clubs:

All-around championship fly and bait casting—W. H. Ball, first, 10 demerits, Chicago, Aug. 18-20, 1910.

All-around championship fly and bait casting—L. E. De Garmo, second, 11 demerits, Chicago, Aug. 18-20, 1910.

Salmon casting—W. H. Ball, 140 ft. 6 in. (rod 15 ft.), Chicago, Aug. 19, 1910.

Long-distance fly—Fred N. Peet, 117 ft. (rod unlimited), Chicago, Aug. 20, 1910.

Long-distance fly—Fred N. Peet, 102 ft. (5-ounce rod), Chicago, Aug. 18, 1910.

Dry fly delicacy and accuracy at buoys 35, 40 and 45 ft.—Fred N. Peet, 99 7-30%, Racine, Wis., Aug. 15, 1907.

Distance and accuracy at buoys 50, 55 and 60 ft.—T. A. Forsythe, 99 13-15%, Chicago, Aug. 18, 1910.

Dry fly accuracy at buoys 20, 27½, 35, 42½, 50 ft.—L. E. De Garmo, 99 2-15% (5-ounce rod), Chicago, Aug. 18, 1910.

½-ounce accuracy bait at buoys 60, 70, 80, 90 and 100 ft.—D. F. Beatty, 99 5-10%, Chicago, Aug. 20, 1910.

¼-ounce accuracy bait at buoys 60, 65, 70, 75 and 80 ft.—W. H. Ball, 99 5-10%, Chicago, Aug. 19, 1910.

½-ounce long-distance bait—B. F. Flegel, 203 ft. 7½ in., Chicago, Aug. 20, 1910.

¼-ounce long-distance bait—B. F. Flegel, 148 ft. 7⅝ in., Chicago, Aug. 19, 1910.

Two-handed surf casting, 2½-ounce—F. B. Rice, 269⅝ ft., New York, Aug. 21, 1909.

AMERICAN RECORDS.

Salmon casting, professional—John Enright, 152 ft.; rod, 20 ft., 48 oz.; Central park, New York, Oct. 12, 1906.

Switch fly casting—H. W. Hawes, 102 ft.; Central park, New York, 1887.

Long-distance fly casting, heavy rod—W. D. Mansfield, 134 ft.; rod, 11 ft., 10 oz.; San Francisco, 1902.

Long-distance fly casting (5-oz. rod)—W. D. Mansfield, 129 ft. 6 in.; San Francisco, 1902.

Dry fly casting for delicacy and accuracy at buoys 35, 40 and 45 ft.—Fred N. Peet, 99 5-15%, at Kalamazoo, Mich., Aug. 3, 1906.

Long-distance bait casting ¼ ounce, longest cast—B. F. Flegel, 162 ft. 9 in., Chicago, Aug. 19, 1910.

Long-distance bait, ½ ounce, longest cast—E. R. Letterman, 223 ft., Fox river valley tournament, 1907.

PUGILISM.

Following is a list of the most noteworthy ring battles in the United States since 1882, the heavyweight championship contests being first given:

Date.	Winner.	Loser.	Place.	Rounds.
Feb. 7, 1882	John L. Sullivan	Paddy Ryan	Mississippi City	9
July 8, 1889	John L. Sullivan	Jake Kilrain	Richburg, Miss	75
Jan. 14, 1891	Bob Fitzsimmons	Jack Dempsey	New Orleans, La	13
Sept. 7, 1892	James J. Corbett	John L. Sullivan	New Orleans, La	21
Jan. 25, 1896	James J. Corbett	Charles Mitchell	Jacksonville, Fla	3
Feb. 21, 1896	Bob Fitzsimmons	Peter Maher	Mexico	1
March 17, 1897	Bob Fitzsimmons	James J. Corbett	Carson City, Nev	14
June 9, 1899	James J. Jeffries	Bob Fitzsimmons	Coney Island, N. Y	11
Nov. 3, 1899	James J. Jeffries	Thomas J. Sharkey	Coney Island, N. Y	25
Nov. 15, 1901	James J. Jeffries	Gus Ruhlin	San Francisco, Cal	5
July 25, 1902	James J. Jeffries	Bob Fitzsimmons	San Francisco, Cal	8
Aug. 14, 1903	James J. Jeffries	James J. Corbett	San Francisco, Cal	10
Aug. 26, 1904	James J. Jeffries	Jack Monroe	San Francisco, Cal	2
July 4, 1897	Tommy Burns	Bill Squires	San Francisco, Cal	1
July 17, 1907	Jack Johnson	Bob Fitzsimmons	Philadelphia, Pa	2
Feb. 10, 1908	Tommy Burns	Jack Palmer	London, England	4
Dec. 26, 1908	Jack Johnson	Tommy Burns	Sydney, N. S. W	14
March 26, 1909	Stanley Ketchel	Jack O'Brien	New York, N. Y	10
July 5, 1909	Stanley Ketchel	Billy Papke	San Francisco, Cal	20
Sept. 9, 1909	Jack Johnson	Al Kaufman	San Francisco, Cal	10
Oct. 16, 1909	Jack Johnson	Stanley Ketchel	San Francisco, Cal	12
July 4, 1910	Jack Johnson	James J. Jeffries	Reno, Nev	15
Sept. 5, 1910	Al Kaufman	Bill Lang	Philadelphia, Pa	5
April 30, 1901	Terry McGovern	Oscar Gardner	San Francisco, Cal	4
May 31, 1901	Terry McGovern	Aurelio Herrera	San Francisco, Cal	5
Nov. 28, 1901	Young Corbett	Terry McGovern	Hartford, Conn	2
Feb. 22, 1902	Terry McGovern	Dave Sullivan	Louisville, Ky	15
May 23, 1902	Young Corbett	Kid Broad	Denver, Col	10
March 31, 1903	Young Corbett	Terry McGovern	San Francisco, Cal	11
July 4, 1903	George Gardner	Jack Root	Buffalo, N. Y	12
Nov. 25, 1903	Bob Fitzsimmons	George Gardner	San Francisco, Cal	20
Feb. 29, 1904	Young Corbett	Dave Sullivan	San Francisco, Cal	11
March 25, 1904	Jimmy Britt	Young Corbett	San Francisco, Cal	20
July 29, 1904	Battling Nelson	Eddie Hanlon	San Francisco, Cal	19
Feb. 28, 1905	Battling Nelson	Young Corbett	San Francisco, Cal	9
Sept. 9, 1905	Battling Nelson	Jimmy Britt	Colma, Cal	18
Sept. 3, 1906	Joe Gans	Battling Nelson	Goldfield, Nev	42
Jan. 1, 1907	Joe Gans	Kid Herman	Tonopah, Nev	8
July 31, 1907	Jimmy Britt	Battling Nelson	San Francisco, Cal	20
Sept. 9, 1907	Joe Gans	Jimmy Britt	San Francisco, Cal	5
Feb. 4, 1908	Rudolph Unholz	Battling Nelson	Los Angeles, Cal	10
April 11, 1908	Packey McFarland	Jimmy Britt	San Francisco, Cal	6
June 4, 1908	Stanley Ketchel	Billy Papke	Milwaukee, Wis	10
July 4, 1908	Battling Nelson	Joe Gans	San Francisco, Cal	17
Sept. 7, 1908	Billy Papke	Stanley Ketchel	Los Angeles, Cal	12
Sept. 9, 1908	Battling Nelson	Joe Gans	San Francisco, Cal	21
Jan. 15, 1909	Packey McFarland	Dick Hyland	San Francisco, Cal	10
Feb. 19, 1909	Jem Driscoll	Abe Attell	New York, N. Y	10
Feb. 22, 1909	Johnny Summers	Jimmy Britt	London, England	20
May 29, 1909	Battling Nelson	Dick Hyland	San Francisco, Cal	23
Feb. 22, 1910	Adolph Wolgast	Battling Nelson	San Francisco, Cal	40

JOHNSON-JEFFRIES FIGHT IN RENO, NEV.

The most important pugilistic event of recent years was the contest in Reno, Nev., July 4, 1910, between James J. Jeffries and Jack Johnson (colored) for the heavy-weight championship of the world. Johnson proved an easy winner in fifteen rounds, the former champion, after six years' absence from the ring, failing to come back to his old form. The fight was originally planned for San Francisco, but Gov. J. N. Gillett forbade it and Reno was selected. The contest was for a purse of $120,000, of which the winner received 60 per cent and the loser 40 per cent. The paid admissions to the fight were 15,760 and the total attendance 18,020. Tickets were sold at from $10 to $50 each, making the total gate receipts $270,775. Including profits from moving pictures, Johnson and Jeffries made more than $100,000 each out of the fight, while the promoters, Tex Rickard and Jack Gleason, made about the same amount.

WRESTLING.

CENTRAL A. A. U. CHAMPIONSHIPS.

The Central Amateur Athletic union wrestling championships were decided at the Illinois Athletic clubhouse Jan. 29, 1910. Joseph Smith of Cornell square won the honors in the 115-pound class, Thor Olson of the Sleipner A. C. won the 125-pound division, Jake Muth of the Rossow A. C. was declared winner in the 135-pound section, William Milchewski of Davis square won in the 145-pound class; I. N. Thorstenson, unattached, secured the title in the 158-pound section, and Frank Motis, Cornell square, was declared heavy-weight champion.

ILLINOIS GYMNASTIC UNION CHAMPIONSHIPS.

Following were the winners in the Illinois Gymnastic union wrestling tournament ending Jan. 30, 1910:

Heavy-weight active—Frank Eiszener, Aurora Turnverein.

Middle-weight active—Louis Niesen, Chicago Turngemeinde.

Welter-weight active—Sam S. Kennedy, Lincoln Turnverein.

Light-weight active—Joseph Krakora, Pilsen sokol.

Feather-weight active—Phillip Buscher, Einigkeit Turnverein.

Bantam-weight active—Theodore Fett, Social Turnverein.

Heavy-weight junior—Albert Krause, LaSalle Turnverein.

Welter-weight junior—Ben Ruben, Hebrew institute.

Feather-weight junior—Frank Cejka, Pilsen sokol.

Bantam-weight junior—William Burton, Hebrew institute.

Pilsen sokol led with 10 points, Hebrew institute was second with 9, while the Chicago Turngemeinde and the Social Turnverein tied for third place with 8 points each.

GOTCH VS. ZBYSZKO.

Frank Gotch of Iowa defeated Stanislaw Zbyszko of Poland in a wrestling match for the champion-

ship of the world at the Coliseum in Chicago, June 1, 1910. The American won in two straight falls, the first in the remarkable time of 6⅝ seconds and the other in 27:36.

YACHTING.

THE LIPTON CUP.

The ninth contest for the silver cup donated by Sir Thomas Lipton to the Columbia Yacht club of Chicago, to be competed for annually by 21-foot cabin-class yachts, took place Aug. 18, 19 and 20, 1910, on Lake Michigan at Chicago. The first race was over a triangular course, two nautical miles to each leg, twice around; the second was over a windward and leeward course of twelve miles, with three-mile legs, and the third was over a quadrangular course. Following is the official time of each race:

FIRST RACE.

Yacht and club.	Start.	Finish.	Time.
Columbia, Columbia	2:30:00	4:55:15	2:23:15
Jackson Park, Jackson Park	2:30:00	5:03:44	2:33:44
Susan II., Jackson Park	2:30:00	5:04:19	2:34:19
Spray, Chicago	2:30:00	5:04:45	3:34:45
La Truda, Columbia	2:30:00	5:09:00	2:39:00
New Illinois, Columbia	2:30:00	5:09:50	2:39:50
Quien Sabe, Columbia	2:30:00	5:12:10	2:42:10

SECOND RACE.

Yacht and club.	Start.	Finish.	Time.
Spray, Chicago	2:45:00	5:41:30	2:56:30
Susan II., Jackson Park	2:45:00	5:48:20	3:03:20
Jackson Park, Jackson Park	2:45:00	5:51:05	3:06:05
Quien Sabe, Columbia	2:45:00	5:51:48	3:06:48
Columbia, Columbia	2:45:00	5:52:17	3:07:17
La Truda, Columbia	2:45:00	6:00:27	3:15:27
New Illinois, Columbia	2:45:00	6:14:43	3:29:43

THIRD RACE.

Yacht and club.	Start.	Finish.	Time.
Spray, Chicago	2:30:00	4:57:38	2:27:38
Susan II., Jackson Park	2:30:00	5:00:12	2:30:12
La Truda, Columbia	2:30:00	5:00:35	2:30:35
Jackson Park, Jackson Park	2:30:00	5:01:46	2:31:46
Quien Sabe	2:30:00	5:04:00	2:34:00
Columbia, Columbia	2:30:00	5:09:25	2:30:25
New Illinois, Columbia	2:30:00	5:13:53	2:43:53

FINAL STANDING.

Yacht.	First race.	Second race.	Third race.	Total pct.
Spray	71.4	100.0	100.0	271.4
Jackson Park	85.7	71.4	57.1	214.2
Columbia	100.0	42.9	28.6	185.7
Susan II.	000.0	85.7	85.7	171.4
La Truda	57.1	28.6	71.4	171.4
New Illinois	42.9	14.3	14.3	85.8
Quien Sabe	28.6	000.0	42.9	71.5

RECORD OF WINNERS.

1902—La Rita, Chicago.
1903—La Rita, Chicago.
1904—Ste. Claire, Detroit.
1905—Ste. Claire, Detroit.
1906—Cherry Circle, Chicago.
1907—Cherry Circle, Chicago.
1908—Chicago, Chicago.
1909—Spray, Chicago.
1910—Spray, Chicago.

LIPTON TROPHY RACE.

The first race for a special trophy offered by Sir Thomas Lipton was sailed over a triangular course of fifteen nautical miles on Lake Michigan at Chicago, July 16, 1910, and was won by William Hale Thompson's Valmore in the elapsed time of 3:32:25, which, with its handicap, gave it a corrected mark of 3:24:10. The Vencedor was second in 3:25:14, and the Amorita third in 3:39:35. Summary:

21-FOOT RACEABOUTS.

Yacht.	Start.	Finish.	Elapsed.	Corrected.
Invader, Col.	2:00	6:37:10	4:37:10	3:53:31

CRUISERS.

Mohawk, Col.	2:05	Did not finish.		

30-FOOT SLOOPS.

La Rita, Chi.	2:05	Did not finish.		
Chloris, J. P.	2:05	Did not finish.		
New Illinois, J. P.	2:05	6:54:10	4:49:10	4:12:23
Pilot, Col.	2:05	6:49:30	4:44:30	4:04:39

21-FOOT CABIN SLOOPS.

Susan II., J. P.	2:10	Dismasted.		
Columbia, Col.	2:10	6:48:40	4:38:40	4:01:47
Quien Sabe, Col.	2:10	Did not finish.		
Billposter, Col.	2:10	Capsized.		
Spray, Chi.	2:10	Split mainsail.		

35-FOOT SLOOPS.

Larrikin, Col.	2:15	6:44:40	4:29:40	4:02:49
Evanston, Col.	2:15	Dropped out.		
Seboomook, Col.	2:15	6:25:00	4:10:00	3:41:09
Illinois, Chi.	2:15	6:25:00	4:10:00	3:41:09

35-FOOT SLOOPS.

Vencedor, Chi.	2:20	5:58:29	3:38:29	3:25:14

65-FOOT SCHOONERS.

Valmore, Chi.	2:20	5:52:25	3:32:25	3:24:10
Amorita, Chi.	2:20	5:59:35	3:39:35	3:39:35

SIR JOHN NUTTING CUP.

The fourth contest for the Sir John Nutting cup took place on Lake Michigan, off Chicago, Aug. 27 and 29, 1910. The competing yachts were of the 21-foot raceabout class, having a sail area of not more than 600 square yards, a weight of not less than 5,900 pounds and a crew of from three to five men. The first and third races were over a triangular course of ten miles; the second race was over a course twelve miles long, consisting of two runs to the four-mile crib and back. The Invader of the Columbia Yacht club was first in each of the three races. Summaries:

FIRST RACE.

Boat and club.	Start.	Finish.	Elapsed time.
Invader, Columbia Y. C.	1:00:00	2:38:45	1:38:45
Vandal, Columbia Y. C.	1:00:00	2:45:40	1:45:40
We're Here, Chicago Y. C.	1:00:00	2:50:15	1:50:15
Seminole, Chicago Y. C.	1:00:00	3:01:20	2:01:20

SECOND RACE.

Invader, Columbia Y. C.	3:11:00	5:52:00	2:41:00
Vandal, Columbia Y. C.	3:11:00	6:08:35	2:57:35
We're Here, Chicago Y. C.	3:11:00	6:19:40	3:08:40
Seminole, Chicago Y. C.	3:11:00	6:45:00	3:34:00

THIRD RACE.

Invader, Columbia Y. C.	2:15:00	3:49:55	1:34:55
Vandal, Columbia Y. C.	2:15:00	3:57:20	1:42:20
Seminole, Chicago Y. C.	2:15:00	4:14:15	1:59:15
We're Here, Chicago Y. C.	2:15:00	4:16:10	2:01:10

THE AMERICA'S CUP.

RECORD OF RACES TO DATE.

1851—Aug. 22. In this, the year of the great exhibition in London, the Royal Yacht Club of England offered a cup to the winner of a yacht race around the Isle of Wight. The course was 60 miles in length and was won by the schooner-yacht America, designed by George Steers for John C. Stevens of the New York Yacht club. The America was 94 feet over all, 88 feet on the water line, 22½ feet beam and 11½ feet draft. There was no time allowance and the competing yachts ranged in size from a three-masted 392-ton schooner, the Brilliant, to the 47-ton cutter, the Aurora, which came in second in the race. The time of the America was 10 hours and 34 minutes; that of the Aurora was 24 minutes slower. The cup after that became known as the America's cup and has now been successfully defended for fifty-eight years.

1870—Aug. 8, New York Yacht club course: Magic, 3:58:21; Cambria, 4:37:38.

1871—Oct. 16, New York Yacht club course: Columbia, 6:19:41; Livonia, 6:46:45. Oct. 18, 20 miles to windward off Sandy Hook and return: Columbia, 3:07:41¾; Livonia, 3:18:15½. Columbia disabled in third race Oct. 19. Oct. 21, 20 miles to windward off Sandy Hook and return: Sappho, 5:39:02; Livonia, 6:09:23. Oct. 23, New York Yacht club course: Sappho, 4:16:17; Livonia, 5:11:55.

1876—Aug. 11, New York Yacht club course: Madeleine, 5:23:54; Countess of Dufferin, 5:34:53. Aug. 12, 20 miles to windward off Sandy Hook and return: Madeleine, 7:18:46; Countess of Dufferin, 7:46:00.

1881—Nov. 9, New York Yacht club course: Mischief, 4:17:00; Atalanta, 4:45:39¼. Nov. 10, 16 miles to leeward off Sandy Hook and return: Mischief, 4:54:53; Atalanta, 5:33:47.

MEASUREMENTS OF COMPETING YACHTS, 1895-1903.

	Defender.	Valkyrie III.	Columbia.	Shamrock I.	Shamrock II.	Rel'nce	Shamrock III.
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
Length, load water line	88.45	88.85	89.77	87.60	89.25	89.66	89.91
Length over all	124	129	132	130	133	143	138
Beam	23	27	24.2	24.565	25	25.8	24
Draft	19	18.5	19.10	22	22	19.6	19.6
Length from after end of main boom to forward point of measurement	181.75	186.22	182.87	189.13	184.03	201.76	187.54
Length from fore side mast to forward point of measurement	73.55	78.94	73.86	79.46	78.28	84.29	81 4
Length of spinnaker pole	73.36	78.94	73.30	79.46	78.28	83.75	81.4
Length of gaff	64	59	64.94	67.64	66.17	71.90	65.77
Length of topmast	57.42	55.98	64.64	58.06	68.18	72	69.15
From main boom to topsail halyard block	125.48	129.80	134.74	128.28	143.39	149.68	144.83
Sail area	12,602	13,027	13,211	13,485.82	14,001	16,169.93	14,157
Sailing length	100.36	101.49	102.185	101.02	102.355	108.41	104.4

1885—Sept. 14, New York Yacht club course: Puritan, 6:06:05; Genesta, 6:22:24. Sept. 16, 20 miles to leeward off Sandy Hook light and return: Puritan, 5:03:14; Genesta, 5:04:52.

1886—Sept. 9, New York Yacht club course: Mayflower, 5:26:41; Galatea, 5:38:43. Sept. 11, 20 miles to leeward off Sandy Hook light and return: Mayflower, 6:49:10; Galatea, 7:18:09.

1887—Sept. 27, New York Yacht club course: Volunteer, 4:53:18; Thistle, 5:12:41¾. Sept. 30, 20 miles to windward off Scotland light and return: Volunteer, 5:42:56¼; Thistle, 5:54:45.

1893—Oct. 7. 15 miles to windward off Sandy Hook light and return: Vigilant, 4:05:47; Valkyrie, 4:11:35. Oct. 9, triangular 30-mile course, first leg to windward: Vigilant, 3:25:01; Valkyrie, 3:35:36. Oct. 13, 15 miles to windward off Sandy Hook light and return: Vigilant, 3:24:39; Valkyrie, 3:25:19.

1895—Sept. 7, 15 miles to windward and return, east by south off Point Seabright, N. J.; Defender, 4:57:55; Valkyrie III., 5:08:44. Sept. 11, triangular course, 10 miles in each leg: Valkyrie, 3:55:09; Defender, 3:55:56; won by Defender on a foul. Sept. 13, Defender sailed over course and claimed cup and race; claim allowed.

1899—Oct. 16, 15 miles to windward and return, off Sandy Hook: Columbia, 4:53:53; Shamrock, 5:04:07. Oct. 17, triangular course, 10 miles to a leg: Columbia, 3:37:00; Shamrock snapped its topmast. Oct. 20, 15 miles to leeward and return: Columbia, 3:38:09; Shamrock, 3:43:26.

1901—Sept. 28, 15 miles to windward and return, off Sandy Hook: Columbia, 4:30:24; Shamrock II., 4:31:44. Oct. 3, triangular course: Columbia, 3:12:35; Shamrock II., 3:16:10. Oct. 4, 15 miles to leeward and return: Columbia, 4:32:57; Shamrock II., 4:33:38.

1903—Aug. 22, 15 miles to leeward and return, off Sandy Hook: Reliance, 3:31:17; Shamrock III., 3:41:17. Aug. 25, triangular course, 10 miles to leg: Reliance, 3:14:54; Shamrock III., 3:18:10. Sept. 3, 15 miles to windward and return: Reliance, 4:28:04; Shamrock III. did not finish.

FELKER CHALLENGE CUP.

The annual yacht race for the historic Felker cup took place at Oshkosh, Wis., Aug. 13, 1910, and was won by Kathryn of the Butte des Morts Yacht club, winner in 1908 and 1909. Summary of race

Yacht.	Start.	Finish.
Kathryn	2:30:08	4:14:09
Marion Jean	2:30:17	4:15:09
Menasha	2:30:12	4:17:08
Comet	2:30:14	4:19:12
Phantom	2:30:10	4:24:10
Meteor	2:30:37	4:25:12
Handy Andy III.	2:30:26	4:25:50
Navaled	2:30:34	4:35:25
Nina	2:30:42	4:36:50

NORTHWESTERN REGATTA.

In the northwestern yachting regatta at Oconomowoc, Wis., ending Aug. 6, 1910, first prize and trophy cup for the class A event were won by D. W. Buchanan's Comet; the second prize was taken by W. N. Pelouze's La Belle II., and the third prize by James Holden's Geneva I. John P. Kohl's Fortune Hunter won the championship prize in the class B event. The Green Lake challenge cup was presented to Elmer Stevens, skipper of Bruno, and the John Dupee trophy cup to W. N. Pelouze of La Belle II.

INLAND LAKES REGATTA.

In the Inland Lakes Yachting association regatta on Lake Winnebago at Oshkosh, Wis., Aug. 15-19, 1910, the Marion Jean of Minnetonka was the winner on points. The final standing was:

Marion Jean	37	Comet	20
Phantom	36	Handy Andy III.	17
Menasha	27	Meteor (Pats VI.)	14
Kathryn	25	Navaled	8
Mercia	24	Nina	3

The officers of the association are: Commodore, P. A. Valentine, Oconomowoc. Wis.; secretary and treasurer, Edward W. Buchanan, Oconomowoc; executive committee, D. D. Harman, Oshkosh; C. A. Vanever, Minnetonka; O. L. Schmidt, Lake Geneva. The regatta of 1911 will be held at Oconomowoc.

OCONOMOWOC REGATTA.

In the Oconomowoc (Wis.) annual regatta on Lac la Belle, July 16, 1910, the O. Y. C. challenge cup for boats was won by the Hamliton brothers' Swallow. The Thorson cup for A and B boats was won by Jack Kohl's Fortune Hunter. The Pelouze cup for B boats was also taken by Fortune Hunter; The class C race was won by John Pritzlaff's No Name.

MICHIGAN CITY RACE.

The annual yacht race from Chicago to Michigan City, Ind., was sailed June 18, 1910. The time prize was won by the Columbia Yacht club's 21-foot raceabout, Invader, in 4:03:44 corrected time. Chloris and Spray of the 21-foot cabin class were second and third, respectively. The class winners with corrected time of each follow:

21-foot cabin—Chloris, Jackson Park, 4:12:13.
Small schooners—Nomad, Chicago, 5:12:53.
35-footers—Illinois, Columbia, 4:32:49.
Large schooners—Vencedor, Chicago, 4:46:38.
20-foot class—Wenonah, Jackson Park, 4:20:53.
20-foot yawl—Mud Hen, Jackson Park, 5:06:52.
25-foot class—Thelma, Jackson Park, 5:06:52.
30-foot class—Valkyria, Jackson Park, 4:46:50.
Medium yawl class—Kayoshk, J. P., 4:49:53.
Cruiser class—Vixen, Columbia, 5:55:49.

RACE TO MACKINAC ISLAND.

The Chicago Yacht club's seventh annual race from Chicago to Mackinac island was sailed July 23-24, 1910. William Hale Thompson's Valmore, with a time allowance of 2:36:34, was the winner, making the distance of 331 miles in 31:24:06—a race record for the course. The old record was 37:54:00, made by Vencedor in 1904. The Amorita, owned by Commodore W. L. Baum, was second in 32:11:10. There were eleven starters. Winners of the event to date:

1904—Vencedor.	1908—Valmore.
1905—Mistral.	1909—Valmore.
1906—Vanadis.	1910—Valmore.
1907—Vencedor.	

SEAWANHAKA CUP.

The yacht Massachusetts retained the Seawanhaka cup by defeating the Canadian challenger, St. Lawrence, in a series of three races sailed July 26, 27 and 28 over a twelve-mile course off

Manchester, Mass. The victory was decisive, the American yacht easily winning each of the three contests.

NEW YORK-BERMUDA RACE.

Harold S. Vanderbilt's Vagrant defeated Demarest Lloyd's Shiyessa in a race of 670 nautical miles from New York to Bermuda, starting at 4:45 p. m., July 9. Vagrant finished at 11 a. m., July 13, and the Shiyessa, which had a time allowance of 1:30, at 1 p. m. the same day.

SONDER YACHT RACING.

The President Taft cup, the principal trophy in the international sonder yacht contest between America and Spain at Marblehead, Mass., Aug. 17-20, 1910, was won by the American boat Harpoon in easy style. It finished first in the four races, though voluntarily disqualified in one of them for a foul. Each country was represented by three boats. Those from Spain were last in each race. The Draper cup, contested for at the same place, Aug. 22, was won by the American boat Beaver. The Spanish boats, Chonta and Papoose, were far astern when the American boats, Beaver and Cima, crossed the line.

THE EMPEROR'S CUP.

The first international ocean yacht race for a cup offered by the emperor of Germany was sailed in 1905. The course was from Sandy Hook, N. J., to the Lizard, England, a distance of approximately 3,000 miles. The Atlantic, which was sailed by Capt. Charles Barr, won the race, arriving at the Lizard at 9:16 p. m., May 29, and beating the best previous record, made by the Endymion, by one day and sixteen and one-half hours. The actual elapsed time was twelve days and four hours, and the best day's run was 341 miles. The Hamburg came in second May 30 and the Valhalla third May 31.

MOTORING.

[Compiled by C. G. Sinsabaugh.]

GENERAL REVIEW.

Many chapters were added to motoring history in 1910, with the United States the center of activity. The season was most remarkable for the great speed made by Barney Oldfield at Daytona, Fla., where the driver of the Benz attained the greatest speed man ever traveled at—a mile at a pace equal to 131.28 miles an hour. The transcontinental record from New York to San Francisco was smashed, a four-cylinder Reo making the trip across in ten days eighteen hours and twelve minutes. The twenty-four hour circular track record also was beaten, a Stearns covering 1,253 miles in the journey twice around the clock on the Brighton Beach track in New York city. The Glidden trophy, hung up in the national reliability run, was won by a Chalmers, driven by Bill Bolger, while the Chicago trophy, given by the Chicago Motor club to the winner of the roadster division of the same tour, was captured by C. H. Van Dervoort in a Moline.

Chicago again tried the road racing game, the national stock chassis road races being run at Elgin, Ill., by the Chicago Motor club, with Mulford in a Lozier winner of the Elgin national cup, Livingstone in a National winner of the Illinois trophy, Buck in a Marmon winner of the Kane County trophy and Hearne in a Benz winner of the Fox River cup. The Vanderbilt was remarkable from the fact that the same man who won it in 1909 "came back" and won the 1910 race—Grant in the same six-cylinder Alco he piloted in 1909. Gelnaw in a Falcar and Endicott in a Cole won the Wheatley Hills and the Massapequa trophies, respectively, the two minor events run in connection with the Vanderbilt.

The Fairmount park road race went to Len Zengel in a Chadwick, the finish being remarkable because Zengel only beat Mulford in the Lozier by less than six seconds, the closest road race in the history of the sport. There were so many accidents in connection with the Vanderbilt that the American Grand Prix, which was scheduled for the Long Island motor parkway on Oct. 15, was transferred to Savannah, Ga., for Nov. 12.

Circular track racing was remarkable because of the fight for the mile record, which finally went to Ralph De Palma in the Fiat, who did :48.92 at Syracuse, N. Y. On the speedway the competition was keen. The $10,000 Schebler trophy run at Indianapolis was won by Ray Harroun of Chicago in a Marmon, while the Cobe cup, raced for on the road in 1909, was won as a speedway race by Joe Dawson in a Marmon. The fastest speedway mile was :35.63, made at Indianapolis by Oldfield in a Benz.

VANDERBILT CUP RACE.

The conditions of the Vanderbilt cup race in 1909 were changed. Racing cars were barred and the event was open only to stock cars up to 600 cubic inches piston displacement. This race was run Oct. 30 over the Long Island motor parkway course. It was won by Harry F. Grant in a sixty-horse-power Alco car in 4:25:42, or an average speed for the 278.08 miles of 62.85 miles an hour. In 1910 Grant, in the Alco, again won. Conditions again were changed and the race was open to cars under 600 cubic inches piston displacement. It virtually was a free-for-all, although the first five to finish were stock cars.

Year.	Winner and car.	Miles.	H.M.S.
1904	George Heath, France, Panhard.	284.40	5:26:45
1905	Hemery, France, Darracq	283	4:36:08
1906	Louis Wagner, France, Darracq.	297.10	4:50:10⅘
1907	(No race)		
1908	George Robertson, America, Locomobile	258.60	4:00:48⅕
1909	H. F. Grant, America, Alco.	278.08	4:25:42
1910	H. F. Grant, America, Alco.	278.08	4:15:58

FOREIGN ROAD RACES.

No longer do the foreigners support road racing on the gigantic scale of former years. Only two or three minor events were run in 1910, the contesting machines being mostly small cars. The James Gordon Bennett, the French Grand Prix, the Florio cup, the Emperor's cup—they're all memories of the days when France almost reigned supreme in the speed world. Those classics are only history now and the records show the following winners of the two most important, the Bennett and the Grand Prix:

BENNETT CUP.

Year.	Winner.	Miles.	H.M.S.
1900	M. Charron, France	351	9:09:39
1901	M. Girardot, France	327	8:50:30
1902	S. F. Edge, England	383	10:42:00
1903	M. Jenatzy, Germany	386	8:36:00
1904	R. B. Thery, France	350	5:50:03
1905	R. B. Thery, France	342	7:02:42⅘

FRENCH GRAND PRIX.

Year.	Winner and car.	Miles.	H.M.S.
1906	F. Szisz, France	774	12:14:05⅖
1907	Nazzaro, Italy	478.30	6:46:33
1908	Lautenschlager, Germany	478	6:55:43

THE GLIDDEN TOUR.

The 1910 Glidden tour started from Cincinnati, O., and passed through thirteen states, ending in Chicago, a distance of 2,850 miles. Twenty-six cars started and eleven were running as contestants at the finish. The referee's decision gave the Glidden trophy to the Premier six, driven by Ray McNamara, but the Premier was protested by the Chalmers company, which claimed it did not come fully up to stock-car specifications. The A. A. A. contest board reversed this decision and awarded the trophy to the Chalmers No. 5, driven by Bill Bolger. The Premier company carried the matter to the New York state courts, securing a temporary injunction restraining the A. A. A. from awarding the Glidden trophy to the Chalmers. This injunction later was dissolved by the courts. The contest for the Chicago trophy, awarded by the Chicago Motor club, for the roadster with the best score in the Glidden tour, was won by C. H. Van Dervoort, in a Moline.

ONE-MILE CIRCULAR-TRACK RECORD.

Twice in 1907 was the one-mile record on a circular track beaten. The record was :53, held by Barney Oldfield in a Peerless Green Dragon. Walter Christie in a front-drive racer of his own design cut this to :52 at Minneapolis Sept. 7 and Oct. 17 this was reduced to :51⅘ by Lewis Strang, driving

the Christie, at Birmingham, Ala. The fastest track mile is :48⅘, made at Morris Park, New York, in 1905, by Webb Jay in a White steamer. This mark was not accepted because there is only one turn in the track. In 1908 a successful attack was made upon Strang's record, Ralph De Palma, in a Fiat, reducing it to :51 at Minneapolis on Labor day. At Minneapolis, Sept. 11, 1909, De Palma still further reduced the record, doing :50⅘ in his Fiat Cyclone. Several times in 1910 the record was beaten and the end of the season found it held by De Palma at :48.92, made at Syracuse, N. Y.

TWENTY-FOUR-HOUR RECORDS.

The world's record for twenty-four hours is 1,581 miles 1,310 yards, an average pace of 65.9 miles an hour, made June 28-29, 1907, by S. F. Edge in a six-cylinder Napier on the three and one-quarter mile cement track at Weybridge, England.

The circular-track twenty-four-hour record was raised to 1,253 miles by Patschke and Poole in a Stearns at Brighton Beach track, New York, Aug. 19-20, 1910. The former record was 1,196 miles, made by Patschke and Mulford, in a Lozier, in 1909.

TRANSCONTINENTAL RECORD.

A record of 10 days 18 hours 12 minutes from New York to San Francisco was made Aug. 8-18, 1910, by L. L. Whitman, driving a four-cylinder Reo, the fastest trip ever made across the continent in a motor car. The record from San Francisco to New York is 15 days 12 hours, made in a Franklin in 1906 by Whitman.

CHICAGO-NEW YORK RECORD.

The record by automobile between Chicago and New York is 39:53:00. It was made by a Franklin twenty-eight horse-power runabout Aug. 21-22, 1907. The route followed was via Elkhart, Cleveland, Erie, Buffalo, Rochester, Syracuse, Utica, Newburgh and along the east side of the Hudson to New York. The distance was 1,050 miles. The previous record was 56:58:00, also made by a Franklin, a six-cylinder car.

CHICAGO COMPETITIONS.

Chicago again was prominent in the promotion of events of national importance. Of course, the greatest of these were the national stock chassis road races at Elgin, run by the Chicago Motor club, which made heroes out of Mulford, Livingstone, Buck and Hearne. The Chicago Motor club also promoted an economy test to Lake Geneva and return earlier in the year, which was won by the Cole. The star of the fifth annual hill climb at Algonquin, Ill., was Arthur W. Greiner of Chicago, who won the Algonquin cup, driving a National. The Chicago Motor club wound up its year with its annual 1,000-mile reliability in November.

The Chicago Automobile club confined its efforts to the annual battle with the Chicago Athletic association. There were two interclub reliability team matches, both won by the Cherry Circle. The first was to St. Joe, Mich., and return and was the third of the series for the interclub shield. A fall match for the L. E. Myers trophy, run under the same rules and with the same two clubs represented, was to Waukesha, Wis., and return.

STRAIGHTAWAY RECORDS AT ORMOND.

FREE-FOR-ALL GASOLINE.

Distance.	Time.	Driver.	H.P.	Car.	Meet.	Date.
1 kilometer	:17.04	Oldfield	200	Benz	Ormond, Fla	March 23, 1910
1 mile	:27.33	Oldfield	200	Benz	Ormond, Fla	March 22, 1910
2 miles	:55.87	Oldfield	200	Benz	Ormond, Fla	March 22, 1910
5 miles	2:34	Hemery	200	Darracq	Ormond, Fla	Jan. 24, 1906
10 miles	5:14⅘	Brown	120	Benz	Ormond, Fla	March, 1909
15 miles	10:00	Lancia	110	Fiat	Ormond, Fla	Jan. 29, 1906
30 miles	20:37	Thomas	90	Mercedes	Ormond, Fla	Jan. 31, 1905
50 miles	38:51	Fletcher	80	DeDietrich	Ormond, Fla	Jan. 31, 1905
100 miles	1:12:59⅘	Bernin	60	Renault	Ormond, Fla	March 5, 1908

FREE-FOR-ALL STEAM.

Distance.	Time.	Driver.	H.P.	Car.	Meet.	Date.
1 kilometer	:18⅘	Marriott	...	Stanley	Ormond, Fla	Jan. 25, 1906
1 mile	:28⅕	Marriott	...	Stanley	Ormond, Fla	Jan. 25, 1906

AMERICAN ROAD RACES IN 1910.

Race.	Miles.	Winner and car.	Average speed.
Elgin National, Elgin, Ill	302.5	Mulford, Lozier	62.5
Illinois trophy, Elgin, Ill	203	Livingstone, National	60.6
Kane County cup, Elgin, Ill	169	Buck, Marmon	55.1
Fox River cup, Elgin, Ill	135	Hearne, Benz	54.1
Vanderbilt cup, Long Island	278.08	Grant, Alco six	65.18
Wheatley Hills, Long Island	189.6	Gelnaw, Falcar	58.4
Massapequa, Long Island	126	W. Endicott, Cole	55.73
Fairmount park, Philadelphia	202.5	Zengel, Chadwick	58.10
Fairmount park, Philadelphia, 601-750 class	202.5	Zengel, Chadwick	58.10
Fairmount park, Philadelphia, 450-600 class	202.5	Mulford, Lozier	58.07
Fairmount park, Philadelphia, 301-450 class	202.5	Aitken, National	54.64
Fairmount park, Philadelphia, 231-300 class	202.5	Gillard, Pullman	51.24
Fairmount park, Philadelphia, 161-230 class	202.5	Padula, Abbott-Detroit	*

*Won in twenty-three laps.

CIRCULAR TRACK RECORDS REGARDLESS OF CLASS.

Distance.	Time.	Driver.	Car.	Track.	Date.
1 mile	:48.92	De Palma	Fiat	Syracuse	Sept. 17, 1910
5 miles	4:11.9	De Palma	Fiat	Syracuse	Sept. 17, 1910
25 miles	18:15⅕	Oldfield	Knox	Milwaukee	Sept. 27, 1910
60½ miles	1 hour	Oldfield	Knox	Milwaukee	Sept. 27, 1910

SPEEDWAY RECORDS REGARDLESS OF CLASS.

Distance.	Time.	Driver.	Car.	Speedway.	Date.
1 kilometer	:21.45	Oldfield	Benz	Indianapolis	May 30, 1910
½ mile	:17	Oldfield	Benz	Cheyenne	May 11, 1910
1 mile	:35.63	Oldfield	Benz	Indianapolis	May 30, 1910
5 miles	3:15.62	De Palma	Fiat	Los Angeles	April 8, 1910
10 miles	6:35.62	Robertson	Simplex	Los Angeles	April 9, 1910
50 miles	37:55.53	De Palma	Fiat	Los Angeles	April 13, 1910

POWER-BOAT RACING.

MISSISSIPPI VALLEY REGATTA.

The third annual regatta of the Mississippi Valley Power-Boat association took place on the Illinois river at Peoria, Ill., July 4-5, 1910. Summaries:

Open launches, 5 miles—Won by Rana, Peoria; Arge, Peoria, second; Jose Vila, Peoria, third. Time, 31:13.

32-foot class, 15 miles—Won by Cere II., Cleveland, O.; Elbridge V., Rochester, N. Y., second; Teaser, J. A. Moritz, Quincy, Ill., third. Time, 32:38.

20-foot class, 10 miles—Won by Comet, Kelso and Hilsinger, Bellevue, Iowa; Scamp III., Peterson brothers, Davenport, Iowa, second; Joker C. R. Bohn, St. Louis, Mo., third; Pronto, Smith and Thede, Peoria, fourth. Time, 25:43.

Cabin cruisers, 20 miles—Won by Sparks II., C. F. Sparks, Alton, Ill.; Allamakee, W. S. Ferguson, St. Louis, Mo., second; Duro IV., A. Kron, St. Louis, third. Time, 1:41:35.

Free-for-all, 20 miles—Won by Red Top II., Bellevue, Iowa; Hoosier Boy, second; Comet, third; Beat It, fourth; Missouri II., fifth; Oshkosh, sixth; Vim, seventh. Time, 43:40½.

26-foot class, 10 miles—Won by Scamp III. of Davenport, Iowa; Elbridge, second; Missouri II., third; Vim, fourth. Time, 23:31.

WESTERN POWER-BOAT REGATTA.

The third annual regatta of the Western Power-Boat association took place on the Illinois river at Peoria, Aug. 30-31, 1910. The championship was taken by the Emerson, a 26-foot boat owned by A. H. Traver of Poughkeepsie, N. Y., in straight heats. Summary of principal events:

20-foot class, five heats, 5 miles each—Comet, Bellevue, Iowa, won; Pronto II., Smith and Thede, Peoria, second; M. V. II., William Sinnig, St. Louis, third; Racy, A. G. Cuthbert, Chicago, fourth. Time, 11:28:30, 11:06:30, 10:57:00.

32-foot class, $150, three in five heats, 5 miles each—Emerson, A. H. Travers, Poughkeepsie, N. Y., won; Comet, Bellevue, Iowa, second; Disturber, J. H. Pugh, Chicago, third; Sabula, J. H. Kelso, Sabula, Iowa, fourth; Syracuse, A. H. Paradis, Syracuse, N. Y., fifth. Time, 10:04⅘, 10:08, 10:05.

26-foot class, three in five heats, 5 miles each, $500—Emerson, A. H. Traver, Poughkeepsie, N. Y., won; Comet, Hilsinger and Kelso, Bellevue, Iowa, second; Pronto, Smith and Thede, Peoria, third; Sabula, J. H. Kelso, Sabula, Iowa, fourth; Vim, M. V. and Mosquito, drawn. Time, 10:17½, 10:11½, 10:13.

40-foot class, free-for-all, three in five, 5 miles each, $650—Emerson, won; Disturber, James A. Pugh, Chicago, second; Comet, third; Roselin, G. G. Sayers, Fox Lake, Ill.; Sabula, Mosquito, C. H. Myers, Clinton, Iowa, and M. V. II., William Sinnig, St. Louis, also ran. Time, 10:26, 10:19, 10:14.

AMERICAN CHAMPIONSHIPS.

The American championship motor-boat races took place on the Hudson river, at New York, N. Y., Sept. 21-24, 1910, under the auspices of the Motor Boat Club of America. The winners by points were: International trophy for 12-meter speed boats of 40 feet and over was won by T. F. Cheseborough's Restless; international trophy for speed boats 33 feet and under was won by A. K. and C. D. White's Vanish; cruisers 60 feet and over, F. C. Haven's Avis; cabin launches over 40 feet, C. R. Butler's Spendthrift; cabin cruisers under 40 feet, R. F. Fowler's Kathmar; open boats under 25 feet, C. Frith's Bunk II.

GREAT LAKES CHAMPIONSHIP.

In a motor-boat race for the championship of the great lakes and a $2,000 trophy, at Buffalo, N. Y., Sept. 3, Dixie II., owned by Frederick Burnham of New York, was the winner. La Truda was second and Courier III., third.

CHICAGO-MICHIGAN CITY RACE.

June 18, 1910.

Class A.	Start.	Finish.
Arapahoe, Col.	1:26:40	5:23:25
Nalas, J. P.	1:34:50	5:18:05
Avis, Col.	1:27:54	5:26:45
Wa-Wa-Tay See, J. P.	1:26:40	5:15:27
Florence, Col.	1:37:26	5:21:48
Alice, Col.	12:47:35	*5:12:00
Class B.		
Eljomor, J. P.	1:41:24	5:16:00
Heloise, Col.	1:34:50	5:41:30
Waubesa, Chi.	1:51:00	5:44:00
Lark, Col.	1:26:40	5:52:15
Class C.		
Gloria, Col.	1:19:43	5:46:20
Class D.		
Wanda, Col.	1:12:22	5:28:43
Doze, Col.	1:26:40	5:46:47
Dixie, Col.	1:26:40	6:00:30
Finch, J. P.	12:38:00	6:02:55
Lella B., Col.	12:56:15	6:08:28
Hilda, Col.	1:19:20	6:11:25

*Disqualified.

PHILADELPHIA TO HAVANA.

Five motor boats started in a race from Philadelphia, Pa., to Havana, Cuba, May 21, 1910. The distance of the course taken was 1,138 nautical miles, or 1,309 statute miles, and the main prize was the City of Philadelphia cup, valued at $1,000, and $1,000 in cash. The second and third prizes were the Yachtmen's club and Alexander Van Rensselaer cups, valued at $500 each, with $250 cash accompanying each. The Caliph arrived first in Havana on the evening of May 27, but the Berneyo, which came in an hour later, was declared the winner of the first prize on a time allowance of 3 hours 45 minutes. The Ilys and the Caroline reached Havana May 28, the former in the morning and the latter in the evening. The fifth contestant, the Loantaka, did not finish.

HARMSWORTH CUP.

The motor-boat race for the British international trophy, known as the Harmsworth cup, took place on the Larchmont (N. Y.) course Aug. 20, 1910, and was won by the American entry, Dixie II., which finished 13 minutes 37 seconds ahead of the duke of Westminster's Pioneer, flying the colors of the Motor Yacht Club of Great Britain. The Pioneer proved a much faster boat than Dixie II., but lost the race through an accident compelling a stop for repairs.

MOTORCYCLING.

Fred Huyck, riding an Indian motorcycle, broke several records at the races conducted by the North Shore Motorcycling club on the Hawthorne race track, Chicago, May 29-30, 1910. May 29 he established a new one-mile track record of 55 seconds and also made a new mark for five miles on a dirt track—4:47⅘. May 29 he lowered the mile record to 54 seconds, and in a ten-mile free for all he lowered his own record of 9:17, made in Detroit in 1908, to 9:16⅘. This was on a dirt track without banked turns. Huyck holds the record of 7:40 for ten miles and :42⅖ for one mile on a banked board track.

At the Salt palace, Salt Lake City, June 10, 1910, F. E. Whittier made two miles, against time, in 2:01⅕, and Jack Clark went one-sixth of a mile, unpaced, in :15⅘.

CRICKET.

Four teams representing Chicago, Winnipeg, Toronto and Minneapolis took part in a cricket tournament in Chicago Aug. 6-13, 1910. It resulted in a triple tie for the lead, the final standing being:

Team.	Won.	Lost.	Team.	Won.	Lost.
Wanderers	2	1	Toronto	2	1
Winnipeg	2	1	Minneapolis	0	3

Minneapolis was defeated by the Wanderers by an inning and 137 runs, by the Winnipegs by an inning and 81 runs and by the Torontos by an inning and 34 runs. Winnipeg defeated Toronto by 25 runs and was defeated by the Wanderers of Chicago by 65 runs. Toronto defeated the Wanderers by 109 runs. A picked team, representing the United States, but containing three Canadian players, defeated an all-Canadian team by two wickets and 21 runs. The games were played on the Parkside grounds.

GOLF.

AMERICAN OPEN CHAMPIONSHIP.

The national open golf championship tournament of America took place on the course of the Philadelphia Cricket club June 17-18, 1910, and resulted in a triple tie between Alexander Smith, professional, of the Wykagyl club, New Rochelle, N. Y.; MacDonald Smith of the Claremont club, California, and J. J. McDermott of the Merchantville (N. J.) Country club, each having a score of 298. In the play-off, June 20, Alexander Smith won with a score of 71 for 18 holes, McDermott was second with 75 and MacDonald Smith third with 76. Record of the event:

1894—Willie Dunn (New York), St. Andrew's links, won by 2 up.
1895—H. Rawlins (Newport), Newport links, 173.
1896—James Foulis (Chicago), Shinnecock Hills, 152.
1897—Joe Floyd (Essex), Wheaton links, 162.
1898—Fred Herd (Washington Park), Myopia links, 328.
1899—W. Smith (Midlothian), Baltimore links, 315.
1900—H. Vardon (Ganton, England), Wheaton links, 313.
1901—Willie Anderson (Pittsfield, Mass.), Myopia links, 331.
1902—Lawrence Auchterlonie (Glen View), Garden City links, 307.
1903—Willie Anderson (Apawamis), Baltusrol links, 307.
1904—Willie Anderson (Apawamis), Glen View, 303.
1905—Willie Anderson (Apawamis), Myopia links, 314.
1906—Alexander Smith (Nassau), Onwentsia links, 295.
1907—Alec Ross (Brae Burn), Philadelphia Cricket club, 302.
1908—Fred McLeod (Midlothian), Myopia Hunt club, 322.
1909—George Sargent (Hyde Manor), Englewood (N. J.) links, 290.
1910—Alexander Smith (Wykagyl), Philadelphia Cricket club, 298.

AMERICAN AMATEUR CHAMPIONSHIP.

W. C. Fownes, Jr., of Pittsburg, Pa., won the American amateur golf championship by defeating Warren K. Wood of the Homewood club, Chicago, in the 36-hole final of the annual tournament, held on the links of the Brookline (Mass.) Country club, Sept. 12-17, 1910, 4 up, 3 to play. The record to date:

1894—At Newport, R. I.—W. G. Lawrence, Newport, medal play, 188.
1895—At Newport Golf Club—C. B. Macdonald, Chicago Golf club, won; C. E. Sands, St. Andrew's Golf club, runner-up.
1896—At Shinnecock Hills Golf Club—H. J. Whigham, Onwentsia, won; J. G. Thorp, Cambridge, runner-up. Low score in qualifying round, H. J. Whigham, 163. Sixteen qualified.
1897—At Chicago Golf Club—H. J. Whigham, Onwentsia, won; W. R. Betts, Shinnecock Hills, runner-up. Low score in qualifying round, H. J. Whigham, 177. Sixteen qualified.
1898—At Morris County, N. J.—F. S. Douglas, Fairfield, won; Walter B. Smith, Onwentsia, runner-up. Low score in qualifying round, J. H. Choate, Jr., Stockbridge, 175. Thirty-two qualified.
1899—At Onwentsia—H. M. Harriman, Meadowbrook, won; F. S. Douglas, Fairfield, runner-up. Low score in qualifying round, C. B. Macdonald, Chicago, 168. Thirty-two qualified.
1900—At Garden City—W. J. Travis, Garden City, won; F. S. Douglas, Fairfield, runner-up. Low score in qualifying round, W. J. Travis, 166. Thirty-two qualified.
1901—At Atlantic City—W. J. Travis won; Walter E. Egan, Onwentsia, runner-up. Low score in qualifying round, W. J. Travis, 157. Thirty-two qualified.
1902—At Glen View, Ill.—L. N. James, Glen View, won; E. M. Byers, Allegheny, runner-up. Low score in qualifying round, G. A. Ormiston, Pittsburg, and W. J. Travis tied at 79, the latter winning the play-off. Sixty-four qualified at 18 holes.
1903—At Nassau, L. I.—W. J. Travis, Garden City won; E. M. Byers, Allegheny, runner-up. All match play.
1904—At Short Hills, N. J.—H. Chandler Egan, Exmoor Country club, won; Frederick Herreshoff, Brooklyn, runner-up. Low score in qualifying round, H. C. Egan, 242 for 54 holes. Sixty-four qualified.
1905—At Wheaton, Ill.—H. Chandler Egan, Exmoor, won; D. E. Sawyer, Wheaton, runner-up. Low score in qualifying round, Dr. D. P. Fredericks, 155 for 36 holes. Thirty-four qualified.
1906—At Englewood, N. J.—Eben M. Byers of Pittsburg won; George D. Lyon of Toronto, Ont., runner-up. Low score in qualifying round, W. J. Travis, 152 for 36 holes. Thirty-two qualified.
1907—At Cleveland, O.—Jerome D. Travers of Mont Clair, N. J., won; Archie Graham of North Jersey runner-up. Low score in qualifying round, W. J. Travis, 146 for 36 holes. Thirty-two qualified.
1908—At Garden City, N. Y.—Jerome D. Travers of Mont Clair, N. J., won; Max Behr of Morris County club runner-up. Low score in qualifying round, Walter J. Travis, 153 for 36 holes. Sixteen qualified.
1909—At Chicago Golf Club—Robert A. Gardner, Hinsdale, won; H. Chandler Egan, Exmoor, runner-up. Low score in qualifying round, Charles Evans, Jr., Thomas M. Sherman and Robert A. Gardner tied with 151 for 36 holes. Evans won the play-off. Thirty qualified.
1910—At Brookline, Mass.—W. C. Fownes, Pittsburg, won; Warren K. Wood, Homewood, runner-up. Low score in qualifying round, Fred Herreshoff, Ekwanok, 152 for 36 holes. Thirty-two qualified.

WESTERN AMATEUR CHAMPIONSHIP.

The twelfth amateur championship tournament of the Western Golf association took place on the links of the Minikahda club at Minneapolis, Minn., July 24-30, 1910. The final match for the championship was won by Mason Phelps of the Midlothian club, Chicago, who defeated Charles Evans of the Edgewater club, Chicago, 2 up 1 to play. Championship record to date:

1899—David R. Forgan (Onwentsia), Glen View, 6 up.
1900—Wm. Waller (Onwentsia), Lake Forest, 1 up.
1901—Phelps B. Hoyt (Glen View), Midlothian, 6 up.
1902—H. C. Egan (Exmoor), Wheaton, 1 up.
1903—Walter E. Egan (Exmoor), Cleveland, 1 up.
1904—H. C. Egan (Exmoor), Highland Park, 6 up, 5 to play.
1905—H. C. Egan (Exmoor), Glen View, 3 up, 2 to play.
1906—D. E. Sawyer (Wheaton), Glen Echo, 5 up, 4 to play.
1907—H. C. Egan (Exmoor), Wheaton, 5 up, 4 to play.
1908—Mason Phelps (Midlothian), Rock Island, 6 up, 5 to play.
1909—Charles Evans, Jr. (Edgewater), Flossmoor, 1 up.
1910—Mason Phelps (Midlothian), Minikahda, 2 up, 1 to play.

WESTERN OPEN CHAMPIONSHIP.

Charles Evans, Jr., of the Edgewater club, Chicago, won the western open golf championship on the course of the Beverly club, Chicago, Aug. 31-Sept. 2, 1910, defeating George A. Simpson (professional) of LaGrange, 6 and 5, in the 36-hole final. Evans' total score was 151 to 156 for Simpson. Championship record:

1899—Will Smith (Midlothian), Glen View.
1900—No championship meet held.
1901—Lawrence Auchterlonie (Glen View), Midlothian, 160.
1902—Willie Anderson (Pittsfield), Euclid, 299.
1903—Alexander Smith (Nassau), Milwaukee, 318 (72 holes).
1904—Willie Anderson (Apawamis), Kent Country (Grand Rapids, Mich.), 304.
1905—Arthur Smith (Columbus, O.), Cincinnati, 278.
1906—Alexander Smith (Nassau), Homewood, 306.
1907—Robert Simpson (Omaha), Hinsdale, Ill., 307.
1908—Willie Anderson (Onwentsia), St. Louis, 299.
1909—Willie Anderson (St. Louis), Chicago, 288.
1910—Charles Evans, Jr. (Edgewater), Chicago, 151 (36 holes).

OLYMPIC CUP.

The Western Golf association team, consisting of C. E. Evans, R. A. Gardner, A. Seckel and Paul

Hunter, won the Olympic cup on the links of the Minikahda club at Minneapolis, Minn., July 23, 1910, with a score of 615. The Intercollegiate association was second with 646, the Michigan Golf association third with 661, the Minnesota Golf association fourth with 665, the Des Moines Golf association fifth with 667 and the Trans-Mississippi Golf association last with 700.

TRANS-MISSISSIPPI CHAMPIONSHIP.

In the tenth annual tournament of the Trans-Mississippi Golf association, held on the links of the Denver (Col.) Country club Aug. 15-20, 1910, Harry Legg of Minneapolis, Minn., won the championship by defeating William Sheehan of Des Moines, Iowa, 1 up.

SOUTHERN CHAMPIONSHIP.

F. G. Byrd of Atlanta, Ga., won the championship cup of the Southern Golf association at Atlanta, Ga., June 11, 1910, by defeating R. G. Bush, Jr., of New Orleans, in the finals, 8 and 6.

METROPOLITAN CHAMPIONSHIP.

Frederick Herreshoff of the West Brook Golf club of New York won the Metropolitan championship May 28, 1910, by defeating Jerome D. Travers, 4 and 3, in the 36-hole final round over the Morris county links, New York.

OTHER CHAMPIONSHIPS.

France—James Braid, May 31.
Canada (amateur)—Fritz Martin, July 7.
Canada (open)—Dan Kenny, July 8.
Connecticut—R. H. Hovey, July 9.
Massachusetts—Alex. Ross, July 14.
Minnesota—H. G. Legg, July 16.
Ohio—Joseph K. Bole, July 2.
Pennsylvania—W. C. Fownes, Jr., Sept. 3.
Vermont—O. L. Holden, Aug. 6.
Wisconsin—Hamilton Vose, July 16.

BRITISH OPEN CHAMPIONSHIP.

1890—*John Ball, Jr. (R. L. G. C.), Prestwick, 164.
1891—H. Kirkcaldy (St. Andrew's), St. Andrew's, 166.
1892—*H. H. Hilton (R. L. G. C.), Muirfield, †305.
1893—W. Auchterlonie (St. Andrew's), Prestwick, 322.
1894—J. H. Taylor (Winchester), Sandwich, 325.
1895—J. H. Taylor (Winchester), St. Andrew's, 322.
1896—H. Vardon (Scarborough), Muirfield, 316.
1897—*H. H. Hilton (R. L. G. C.), Muirfield, 305.
1898—H. Vardon (Scarborough), Prestwick, 307.
1899—H. Vardon (Ganton), Sandwich, 310.
1900—J. H. Taylor (Richmond), St. Andrew's, 309.
1901—James Braid (Romford), Muirfield, 309.
1902—Alex. Herd (Huddersfield), Hoylake, 307.
1903—Alex. Herd (Huddersfield).
1904—J. White (Sunningdale), Sandwich, 296.
1905—Jas. Braid (Walton Heath), St. Andrew's, 318.
1906—James Braid (Walton Heath), Muirfield, 300.
1907—Arnaud Massey (France), Hoylake, 317.
1908—James Braid (Walton Heath), Prestwick, 291.
1909—J. H. Taylor (Mid-Surrey), Sandwich, 295.
1910—James Braid (Walton Heath), St. Andrew's, 299.

*Amateur. †Changed to 72 holes.

BRITISH AMATEUR CHAMPIONSHIP.

Year.	Winner.	Runner-Up.
1886—H. Hutchinson	Henry Lamb	7 and 6
1887—H. Hutchinson	John Ball, Jr.	1 hole
1888—J. Ball, Jr.	J. E. Laidlay	5 and 4
1889—J. E. Laidlay	L. W. Balfour	2 and 1
1890—J. Ball, Jr.	J. E. Laidlay	4 and 3
1891—J. E. Laidlay	H. H. Hilton	1 hole
1892—J. Ball, Jr.	H. H. Hilton	3 and 1
1893—Peter Anderson	J. E. Laidlay	1 hole
1894—J. Ball, Jr.	S. M. Ferguson	1 hole
1895—L. B. Melville	J. Ball, Jr.	*1 hole
1896—F. G. Tait	H. H. Hilton	8 and 7
1897—A. J. T. Allan	J. Robb	4 and 2
1898—F. G. Tait	S. M. Ferguson	7 and 5
1899—J. Ball, Jr.	F. G. Tait	*1 hole
1900—H. H. Hilton	J. Robb	8 and 7
1901—H. H. Hilton	J. L. Low	1 hole
1902—C. Hutchings	S. H. Fry	1 up
1903—R. Maxwell	H. Hutchinson	6 and 5
1904—W. J. Travis	E. Blackwell	4 and 3
1905—A. G. Barry	Hon. O. Scott	3 and 2
1906—James Robb	C. C. Lengen	4 and 3
1907—J. Ball, Jr.	A. Palmer	6 and 4
1908—E. A. Lassen	H. F. Taylor	7 and 6
1909—R. Maxwell	C. K. Hutchinson	1 hole
1910—John Ball	C. Aylmer	10 and 9

*After a tie.

WOMEN'S CHAMPIONSHIPS.

WESTERN.

Mrs. Thurston Harris of the Westward Ho club won the eighth annual championship tournament of the Women's Western Golf association held on the links of the Skokie Country club, Chicago, Sept. 13-17, 1910, defeating Mrs. Harvey L. Pound of the Skokie club, 3 up and 2 to play, in the final. Record of the event to date:

1901—Miss Bessie Anthony (Glen View), Onwentsia, 3 up, 1 to play.
1902—Miss Bessie Anthony (Glen View), Onwentsia, 1 up.
1903—Miss Bessie Anthony (Glen View), Exmoor, 3 up, 2 to play.
1904—Miss Frances Everett (Exmoor), Glen View, 1 up.
1905—Mrs. Charles L. Dering (Midlothian), Homewood, 4 up, 2 to play.
1906—Mrs. Charles L. Dering (Midlothian), Exmoor, 1 up.
1907—Miss Lillian French (Windsor), Midlothian, 1 up.
1908—Mrs. W. Frances Anderson (Hinsdale), St. Louis Country club, 3 up, 2 to play.
1909—Miss Vida Llewellyn (LaGrange), Homewood, 6 up, 5 to play.
1910—Mrs. Thurston Harris (Westward Ho), Skokie, 3 up, 2 to play.

EASTERN.

Miss Fannie C. Osgood of the Country club of Brookline, Mass., won the championship of the Eastern Women's Golf association at the Huntington Valley Country club, Philadelphia, Pa., June 11, 1910.

NATIONAL.

Miss Dorothy Campbell of Hamilton, Ont., again won the woman's national golf championship of the United States, Oct. 10-15, 1910, on the links of the Homewood Country club, Chicago. Her opponent in the final round was Mrs. G. M. Martin of Tavistock, England. Miss Campbell won by 2 up and 1 to play. Record of event to date:

1895—Beatrix Hoyt, on Meadowbrook Country club links.
1896—Beatrix Hoyt, Morris Country club, 2 up, 1 to play.
1897—Beatrix Hoyt, Essex County Country club, 5 up, 4 to play.
1898—Beatrix Hoyt, Ardsley club, 5 up, 3 to play.
1899—Ruth Underhill, Philadelphia Country club, 2 up, 1 to play.
1900—Frances Griscom, Shinnecock Hills, 6 up, 4 to play.
1901—Genevieve Hecker, Baltusrol Golf club, 5 up, 3 to play.
1902—Genevieve Hecker, Brookline, 4 up, 3 to play.
1903—Bessie Anthony, Chicago Golf club, 7 up, 6 to play.
1904—Georgeanna Bishop, Philadelphia, 5 up, 3 to play.
1905—Pauline Mackay, Oakley Country club, 1 up.
1906—Harriet S. Curtis, Brae Burn Country club, 2 up, 1 to play.
1907—Margaret Curtis, Midlothian, 7 up, 6 to play.
1908—Catherine C. Harley, Fall River, 6 up, 5 to play.
1909—Dorothy Campbell, North Berwick, Scotland, 3 up, 1 to play.
1910—Dorothy Campbell, Hamilton, Ont., 2 up 1 to play.

GOLF OFFICIALS.

United States Golf association—President, Herbert Jaques of the Country club, Brookline, Mass.; secretary, Robert C. Watson, Garden City Golf club, New York, N. Y.; treasurer, William F. Morgan, Baltusrol Golf club.
Western Golf association—President, Horace F. Smith of the Nashville Golf and Country club; secretary, C. E. Willard, South Shore Country club, Chicago; treasurer, C. T. Atkinson, Midlothian Country club, Chicago.

TENNIS.

WESTERN CHAMPIONSHIPS.

The annual western tennis championship tournament was held on the courts of the Onwentsia club at Lake Forest, Ill., July 23-30, 1910. In the finals of the singles Thomas C. Bundy of Los Angeles, Cal., defeated Albrecht Ludke of Chicago, 6-2, 6-1, 6-0. As M. H. Long of California, winner of the title in 1909, was not present to defend it, it reverted to Bundy by default. In the women's singles the final round was won by Miss Gwendolyn Rees of St. Paul, who defeated Miss Margaret Davis, also of St. Paul, 6-1, 6-3. In the challenge round Miss Rees defeated Miss Carrie B. Neely of Chicago, 5-7, 6-2, 7-5. In the men's doubles the final round was won by Paul Gardner and Harry Waidner of Chicago, who defeated John Neely of Chicago and H. H. Whitman of Boston, 6-2, 4-6, 9-7, 6-3.

LONGWOOD TOURNAMENT.

The Longwood tennis tournament, at which the historic Longwood cup and the eastern championship in doubles were contended for, took place July 18-25, 1910, on the courts of the Longwood Cricket club at Brookline, Mass. William A. Larned of Summit, N. J., won the cup for the third time, and it passed into his permanent possession. His opponent was Maurice McLoughlin of San Francisco, whom he defeated in the challenge round, 6-2, 4-6, 6-1, 6-3. McLoughlin had won his way to the challenge round by defeating Wallace F. Johnson of Philadelphia, 6-4, 6-2, 6-3.

Edward H. Whitney and Richard Bishop won the eastern doubles championship by defeating, in the finals, R. A. Holden, Jr., and F. M. Watrous, 6-3, 6-2, 7-5.

SOUTHERN CHAMPIONSHIPS.

In the southern tennis championship tournament in Atlanta, Ga., ending July 11, 1910, C. B. Doyle of Washington, D. C., was the victor in the singles, defeating James H. Wilson of Norfolk, Va., in the finals. In the doubles the Doyle brothers of Washington won from Grant and Thornton of Atlanta. Miss Thurle of New York retained her title of southern woman tennis champion by defeating Miss Sullivan of Birmingham.

NATIONAL CHAMPIONSHIPS.

The tournament to decide the national tennis championships was held on the Casino courts at Newport, R. I., Aug. 15-25, 1910. In the singles the final round was between Beals C. Wright of Boston and Thomas C. Bundy of Los Angeles. Bundy won by the score of 6-3, 6-3, 6-8, 10-8. In the challenge match, played Aug. 25, the title holder, William A. Larned of Summit, N. J., retained the honor by defeating Bundy after a brilliant struggle, 6-1, 5-7, 6-0, 6-8, 6-1.

The preliminary matches in the doubles championship were played Aug. 2-3 on the Onwentsia club courts at Lake Forest, Ill., and resulted in a victory for Thomas C. Bundy and T. Hendrick, the Pacific coast champions, who defeated Harry Waidner and Paul Gardner, the central western champions, 5-7, 6-4, 6-4, 6-3. At Newport, Aug. 17, the deciding match was played and it resulted in the defeat of Bundy and Thorpe by Harold H. Hackett and Fred B. Alexander of New York, the national champions in doubles, 6-1, 8-6, 6-3.

NATIONAL TENNIS CHAMPIONS.

1881—R. D. Sears.	1896—R. D. Wrenn.
1882—R. D. Sears.	1897—R. D. Wrenn.
1883—R. D. Sears.	1898—M. D. Whitman.
1884—R. D. Sears.	1899—M. D. Whitman.
1885—R. D. Sears.	1900—M. D. Whitman.
1886—R. D. Sears.	1901—W. A. Larned.
1887—H. W. Slocum.	1902—W. A. Larned.
1888—H. W. Slocum.	1903—H. L. Doherty.
1889—H. W. Slocum.	1904—H. Ward.
1890—O. S. Campbell.	1905—B. C. Wright.
1891—O. S. Campbell.	1906—W. J. Clothier.
1892—O. S. Campbell.	1907—W. A. Larned.
1893—R. D. Wrenn.	1908—W. A. Larned.
1894—R. D. Wrenn.	1909—W. A. Larned.
1895—F. H. Hovey.	1910—W. A. Larned.

NORTHWESTERN CHAMPIONSHIPS.

The northwestern tennis championship tournament of 1910 took place on the Deephaven courts at Minneapolis, Minn., July 18-23, 1910. In the final round of the singles L. H. Waidner of Chicago defeated P. E. Gardner, also of Chicago, 6-3, 2-6, 6-2. Only three sets were played, Gardner giving up on account of the heat. In the doubles finals Waidner and Gardner defeated Adams and Armstrong of St. Paul.

TRISTATE AT CINCINNATI.

In the tristate tennis tourney in Cincinnati, O., Aug. 27-Sept. 6, 1910, for the championship of Ohio, Kentucky and Indiana, R. H. Palmer of New York defeated Wallace Johnson of Philadelphia in the final round of the singles, 11-9, 6-3, 6-4. Robert Leroy of New York did not defend his title of champion in singles. In the men's doubles Palmer and Johnson defeated Bishop and Sweetzer in the finals, 8-6, 6-4, 4-6, 6-8, 6-3. In the mixed doubles Dr. Jane Craven and Trux Emerson defeated Miss Martha Kinsey and Mr. Mitchell, 6-1, 6-3. In the women's doubles the Misses Kinsey and McLaughlin defeated Miss Steever and Dr. Jane Craven, 1-6, 6-4, 6-3.

MISSOURI VALLEY TOURNAMENT.

The winners in the Missouri valley tennis tournament in Kansas City, Mo., Aug. 8-13, 1910, were: Singles—Jack Cannon defeated Herbert Jones, 4-6, 6-1, 5-7, 8-6, 6-1. Doubles—Tritle and Jones defeated Welhener and Cannon, 6-3, 3-6, 6-3, 4-0. Drummond Jones, holder of the championship in singles, did not defend his title and it went to Jack Cannon by default.

INTERMOUNTAIN TOURNAMENT.

In the intermountain championship tennis tournament at Salt Lake City, Utah, ending Aug. 31, 1910, T. C. Bundy won the championship in singles, defeating Sinsabaugh, 1-6, 6-1, 6-3. In the doubles Sinsabaugh and Duncan defeated Bundy and Hendricks, 4-6, 6-2, 6-2, 6-3. In the challenge match Sinsabaugh and Duncan defeated McBroom and Garnet, 6-3, 6-2.

SOUTH ATLANTIC TOURNAMENT.

The south Atlantic tennis championship was won by Ramspecht, who defeated Garrett in the finals of the singles at Atlanta, Ga., July 23, 1910, by a score of 5-7, 6-1, 6-2, 6-4.

CENTRAL STATES CHAMPIONSHIP.

In the central states championship tennis tournament at St. Louis, Mo., July 2-11, 1910, Drummond Jones of St. Louis, Mo., won in the finals of the singles, 7-5, 7-5, 6-3, 6-4, 10-8. His opponent was Charles S. Peters of Chicago.

CLAY COURT TOURNAMENT.

The clay court tennis tournament for the championship of the United States took place on the grounds of the Omaha Field club, Omaha, Neb., Aug. 1-6, 1910. In the final round of the singles Melville H. Long of San Francisco defeated W. M. Hall of New York, 4-6, 6-3, 6-4, 6-2. In the doubles, the final round was won by W. T. Hayes of Chicago and F. G. Anderson of Brooklyn, who defeated M. H. Long of San Francisco and Arthur Scribner of Omaha, 2-6, 3-6, 6-1, 6-3, 6-3.

INTERSCHOLASTIC CHAMPIONSHIPS.

The interscholastic tennis championship of the United States was decided on the Casino courts at Newport, R. I., Aug. 18, when E. H. Whitney of Harvard defeated G. M. Church of Princeton, 6-8, 6-4, 8-6.

Paul Gardner of the University of Chicago won the conference college tennis championship in singles in Chicago, May 20, 1910, by defeating Adams of Minnesota university, 6-4, 6-2, 6-2. Adams and Tischo of Minnesota won in the doubles, defeating Musselman and McKim of the University of Illinois, 6-3, 6-4, 6-4.

In the intercollegiate lawn tennis tournament on the Merion Cricket club grounds, Philadelphia, Sept. 7-10, 1910, R. A. Holden of Yale defeated A. H. Sweetzer of Harvard in the finals of the singles, 3-6, 6-2, 6-3, 8-6. In the doubles D. Mathey and B. N. Dell of Princeton defeated R. Evans, Jr., and F. Donohue of Yale, 6-4, 6-4, 6-4.

STATE CHAMPIONSHIPS.

ILLINOIS.

The annual championship tennis tournament of Illinois was held on the courts of the Aztec club,

Chicago, July 9-19, 1910. In the men's singles Al Ludke won the final round by defeating Charles S. Peters, 3-6, 8-6, 6-4, 2-6, 6-2. In the challenge round he was defeated by Walter T. Hayes, holder of the title, 4-6, 7-5, 7-5, 7-5. In the women's singles, final round, Miss Carrie E. Neely defeated Mrs. G. E. Barnes, 6-2, 6-2. In the challenge round Miss Miriam Steever defeated Miss Neely, 9-7, 6-1. In the final match for mixed doubles Miss Steever and James J. Forstall defeated Miss Neely and John Neely, Jr., 6-3, 6-4. The final match in men's doubles was won by Ebor Morley and Dr. Henry F. Helmholz, who defeated Walter T. Hayes and Charles S. Peters, 6-8, 6-3, 3-6, 6-3. In the final contest for women's doubles Miss Miriam Steever and Miss Carrie Neely defeated Mrs. Edgar L. Barnes and Miss Mabel Lee, 6-3, 6-4.

WISCONSIN.

In the Wisconsin state tennis tournament at Milwaukee, ending Aug. 13, 1910, Blair Larned of Chicago defeated Harry Forstall, also of Chicago, in the singles, 1-6, 7-5, 6-3, 5-7, 6-2. In the challenge round Mr. Larned defeated Nick Crozier of Philadelphia, 6-3, 6-3, 6-3. In the doubles Larned and Forstall defeated the Helmholtz brothers of Milwaukee, 8-6, 6-8, 6-2, 7-5.

OHIO.

In the Ohio state tennis tournament at Cleveland, O., ending Aug. 15, 1910, Frank C. Marty won the championship in singles by defeating Charles M. Beard of Cleveland, 6-1, 8-6, 6-2. In the doubles H. F. Petee and C. C. Benton of Cleveland defended their title against Frank Marty and P. H. Collins, winning three sets to two.

IOWA.

In the Iowa state tennis tournament ending Aug. 27, 1910, Fred Bradley retained his position as state champion by defeating Cub Porter of Omaha, Neb., 6-3, 3-6, 6-3, 6-2. In the doubles Stuart Gilman and Charles Carey of Sioux City defeated Bradley and Rogers of Des Moines, 6-1, 7-5, 6-3, 6-3.

NEW YORK.

Frederick Inman won the New York state tennis championship Aug. 3, 1910, by defeating Carl Gardner on the Crescent Athletic club grounds, Bay Ridge, by a score of 7-3, 2-6, 6-3, 6-2.

MARYLAND.

R. A. Holden of Cincinnati defeated F. C. Colston of Baltimore at tennis in Baltimore, Md., July 9, 1910, by the score 10-8, 5-7, 1-6, 6-2, 6-2, thereby becoming the first holder of the Baltimore Country club cup, valued at $500, and winning the championship of Maryland.

OREGON.

Nat Emerson won the Oregon tennis championship at Portland, Ore., July 23, 1910. Miss Hazel Hotchkiss won the state tennis championship for women.

WOMEN'S CHAMPIONSHIPS.

In the women's national tennis championship tournament, held on the grounds of the Philadelphia Cricket club, June 20-26, 1910, Miss Louise Hammond of New York won in the finals, defeating Miss Browning of New York, 6-2, 6-4. In the challenge round Miss Hammond was defeated by Miss Hazel Hotchkiss of Berkeley, Cal., holder of the championship title in 1909, by the score 6-4, 6-2. In the doubles, Miss Hotchkiss and Miss Rotch defeated Miss Browning and Miss Wildey, 6-4, 6-4. In the mixed doubles Miss Hotchkiss and J. R. Carpenter, Jr., defeated Miss Wildey and H. M. Tilden, 6-2, 6-2.

Miss May Sutton defeated Miss Hazel Hotchkiss Feb. 22, 1910, in the finals of the southern California tennis tournament, 6-2, 6-3.

Miss Louise Hammond of New York defeated Miss Edith Rotch of Boston, 6-3, 6-4, in the final round of the women's singles in the lawn tennis tournament for the eastern states championship at Philadelphia, June 3, 1910.

INTERNATIONAL TENNIS.

A. F. Wilding of New Zealand defeated Beals C. Wright of Boston in the final of the all-England tennis championship meet at Wimbledon, England, June 28, 1910, by the score 4-6, 4-6, 6-4, 6-2, 6-3. Wilding also defeated A. W. Gore, holder of title, 6-4, 7-5, 4-6, 6-2.

Beals C. Wright of Boston won the men's open singles in the northern championship tournament at Liverpool, England, June 3, 1910. He defeated S. E. Charlton in the finals, 6-1, 6-4, 6-4, and captured the challenge round by default, A. J. Ritchie retiring.

INDOOR TENNIS CHAMPIONSHIP.

G. F. Touchard of California won the national championship in indoor lawn tennis in singles in New York, Feb. 26, 1910, defeating R. A. Holden, Jr., of Yale in the finals by the score, 6-2, 6-1, 3-6, 6-8, 6-3. In the doubles Carl R. Gardner and G. F. Touchard were the winners, defeating W. B. Cragin, Jr., and Miles S. Charlock, 6-1, 3-6, 7-9, 6-1, 6-4.

COURT TENNIS.

Jay Gould won the court tennis championship of America for the fifth successive time by defeating Joshua Crane of Boston, April 9, 1910, at the Racquet club in New York, N. Y. The score was 6-2, 6-3, 6-0.

ROWING.

INTERUNIVERSITY RACES.

UNIVERSITY EIGHT-OARED.

In 1898 the race took place on Saratoga lake over a three-mile course; the other contests were on the four-mile course at Poughkeepsie, N. Y.

June 26, 1896—(1) Cornell, 19:59; (2) Harvard, 20:08; (3) Pennsylvania, 20:18; (4) Columbia, 21:25.

June 25, 1897—(1) Cornell, 20:34; (2) Yale, 20:44; (3) Harvard, 21:00.

July 2, 1897—(1) Cornell, 20:47⅘; (2) Columbia, 21:20⅖; (3) Pennsylvania, swamped.

July 2, 1898—(1) Pennsylvania, 15:51½; (2) Cornell, 16:06; (3) Wisconsin, 16:10; (4) Columbia, 16:21.

June 27, 1899—(1) Pennsylvania, 20:04; (2) Wisconsin, 20:05½; (3) Cornell, 20:13; (4) Columbia, 20:20.

June 30, 1900—(1) Pennsylvania, 19:44⅗; (2) Wisconsin, 19:46⅗; (3) Cornell, 20:04⅕; (4) Columbia, 20:08⅘; (5) Georgetown, 20:19⅕.

July 2, 1901—(1) Cornell, 18:53⅗; (2) Columbia, 18:58; (3) Wisconsin, 19:06⅘; (4) Georgetown, 19:21; (5) Syracuse, distanced; (6) Pennsylvania, distanced.

June 21, 1902—(1) Cornell, 19:05⅘; (2) Wisconsin, 19:13⅘; (3) Columbia, 19:18⅘; (4) Pennsylvania, 19:26; (5) Syracuse, 19:31⅘; (6) Georgetown, 19:32.

June 26, 1903—(1) Cornell, 18:57; (2) Georgetown, 19:27; (3) Wisconsin, 19:29⅘; (4) Pennsylvania, 19:30⅘; (5) Syracuse, 19:36⅘; (6) Columbia, 19:54.

June 28, 1904—(1) Syracuse, 20:22⅘; (2) Cornell, 20:31⅕; (3) Pennsylvania, 20:32⅘; (4) Columbia, 20:45⅖; (5) Georgetown, 20:52⅗; (6) Wisconsin, 21:01⅗.

June 28, 1905—(1) Cornell, 20:29⅘; (2) Syracuse, 21:47⅗; (3) Georgetown, 21:49; (4) Columbia, 21:53⅗; (5) Pennsylvania, 21:59⅘; (6) Wisconsin, 22:06⅗.

June 23, 1906—(1) Cornell, 19:36⅘; (2) Pennsylvania, 19:43⅘; (3) Syracuse, 19:45⅕; (4) Wisconsin, 20:13⅗; (5) Columbia, 20:18⅘; (6) Georgetown, 20:35.

June 26, 1907—(1) Cornell, 20:02⅘; (2) Columbia, 20:04; (3) Navy, 20:13⅘; (4) Pennsylvania, 20:33⅘; (5) Wisconsin (no time); (6) Georgetown (no time); (7) Syracuse (shell sunk).

June 27, 1908—(1) Syracuse, 19:34⅕; (2) Columbia, 19:35⅕; (3) Cornell, 19:39; (4) Pennsylvania, 19:52⅗; (5) Wisconsin, 20:00⅘.

July 2, 1909—(1) Cornell, 19:02; (2) Columbia, 19:04⅘; (3) Syracuse, 19:15⅕; (4) Wisconsin, 19:24⅕; (5) Pennsylvania, 19:32⅕.

June 26, 1910—(1) Cornell, 20:42½; (2) Pennsylvania, 20:44¼; (3) Columbia, 20:54½; (4) Syracuse, 21:13; (5) Wisconsin, 21:15⅘.

FOUR-OARED RACES.

Poughkeepsie course, two miles.

July 2, 1901—(1) Cornell, 11:39⅘; (2) Pennsylvania, 11:45⅘; (3) Columbia, 11:51⅘.

June 21, 1902—(1) Cornell, 10:43⅘; (2) Pennsylvania, 10:54⅘; (3) Columbia, 11:08.

June 26, 1903—(1) Cornell, 10:34; (2) Pennsylvania, 10:35⅘; (3) Wisconsin, 10:56⅘; (4) Columbia, 11:14.

June 28, 1904—(1) Cornell, 10:53⅘; (2) Columbia,

11:12⅕; (3) Pennsylvania, 11:15⅘; (4) Wisconsin, 11:18⅘; (5) Georgetown, 11:34⅘.

June 28, 1905—(1) Syracuse, 10:15⅘; (2) Cornell, 10:17⅘; (3) Pennsylvania, 10:33⅘; (4) Columbia, 10:45; (5) Wisconsin, 10:52.

June 28, 1906—(1) Cornell, 10:34; (2) Syracuse, 10:48⅘; (3) Columbia, 10:55⅘; (4) Pennsylvania, 11:06⅘.

June 26, 1907—(1) Syracuse, 10:37⅕; (2) Cornell, 10:40; (3) Pennsylvania, 10:49; (4) Columbia, 10:59⅘.

June 27, 1908—(1) Syracuse, 10:52⅘; (2) Columbia, 11:06⅘; (3) Pennsylvania (disqualified for foul), 10:57⅘. (Cornell did not finish.)

July 2, 1909—(1) Cornell, 10:01; (2) Syracuse, 10:10; (3) Columbia, 10:12; (4) Pennsylvania, 10:27.

June 26, 1910—(1) Cornell, 11:37⅘; (2) Syracuse, 11:43⅘; (3) Columbia, 11:48⅕; (4) Pennsylvania, 12:22.

UNIVERSITY FRESHMAN EIGHTS.

Poughkeepsie course, two miles.

June 30, 1900—(1) Wisconsin, 9:45⅘; (2) Pennsylvania, 9:54⅘; (3) Cornell, 9:55⅕; (4) Columbia, 10:08.

July 2, 1901—(1) Pennsylvania, 10:20½; (2) Cornell, 10:23; (3) Columbia, 10:36½; (4) Syracuse, 10:44.

June 21, 1902—(1) Cornell, 9:34½; (2) Wisconsin, 9:42⅘; (3) Columbia, 9:49; (4) Syracuse, 9:53; (5) Pennsylvania, 10:05.

June 26, 1903—(1) Cornell, 9:18; (2) Syracuse, 9:22⅕; (3) Wisconsin, 9:32; (4) Columbia, 9:41; (5) Pennsylvania, 9:45.

June 28, 1904—(1) Syracuse, 10:01; (2) Cornell, 10:12⅘; (3) Pennsylvania, 10:18⅘; (4) Columbia, 10:28½.

June 28, 1905—(1) Cornell, 9:35⅘; (2) Syracuse, 9:49; (3) Columbia, 9:53; (4) Pennsylvania, 9:58⅘.

June 23, 1906—(1) Syracuse, 9:51⅗; (2) Cornell, 9:55; (3) Wisconsin, 9:55⅘; (4) Columbia, 10:07⅕; (5) Pennsylvania, 10:13⅗.

June 26, 1907—(1) Wisconsin, 9:58; (2) Syracuse, 10:03; (3) Pennsylvania, 10:04; (4) Columbia, 10:05⅘; (5) Cornell, 10:07⅘.

June 27, 1908—(1) Cornell, 9:29⅘; (2) Syracuse, 9:38⅘; (3) Columbia, 9:43; (4) Wisconsin, 9:55⅕; (5) Pennsylvania, 10:42.

July 2, 1909—(1) Cornell, 9:07⅘; (2) Syracuse, 9:14⅘; (3) Pennsylvania, 9:21; (4) Wisconsin, 9:22⅘; (5) Columbia, 9:26.

June 26, 1910—(1) Cornell, 10:40½; (2) Columbia, 10:53⅘; (3) Syracuse, 10:53⅘; (4) Pennsylvania, 11:09⅕; (5) Wisconsin, 11:15⅘.

HARVARD-YALE RACES.

UNIVERSITY EIGHTS.

Year. Winner.	Time.	Loser's time.
1876—Yale	22:02	22:33
1877—Harvard	24:36	24:44
1878—Harvard	20:44¾	21:29
1879—Harvard	22:15	23:58
1880—Yale	24:27	25:09
1881—Yale	22:13	22:19
1882—Harvard	20:47	20:50½
1883—Harvard	24:26	25:59
1884—Yale	20:31	20:46
1885—Harvard	25:15½	26:30
1886—Yale	20:41½	21:05¾
1887—Yale	22:56	23:14½
1888—Yale	20:10	21:24
1889—Yale	21:30	21:55
1890—Yale	21:29	21:40
1891—Harvard	21:23	21:57
1892—Yale	20:48	21:40
1893—Yale	25:01½	25:15
1894—Yale	22:47	24:40
1895—Yale	21:30	25:15
1899—Harvard	20:52½	21:13
1900—Yale	21:12⅘	21:37⅘
1901—Yale	23:37	23:45
1902—Yale	20:20	20:33
1903—Yale	20:19⅘	20:29⅘
1904—Yale	21:40½	22:10
1905—Yale	22:33½	22:36
1906—Harvard	23:02	23:11
1907—Yale	21:10	21:13
1908—Harvard	24:10	*
1909—Harvard	21:50	22:10
1910—Harvard	20:46½	21:04

*Time not taken. Yale stroke oar collapsed at end of 2½ miles.

Of the above races the first two were rowed on the Springfield (Mass.) course and the remainder on the New London course, which is four miles straightaway. There were no dual races in 1896, 1897 and 1898.

HARVARD-YALE FRESHMAN EIGHTS.

Two miles.

Year. Winner.	Time.	Loser's time.
1901—Yale	10:37⅘	10:58
1902—Dead heat	10:13	10:13
1903—Yale	9:43⅕	9:48⅘
1904—Yale	10:20	10:20½
1905—Harvard	9:59	10:04
1906—Yale	10:39⅘	10:41
1907—Harvard	11:15	11:19
1908—Harvard	9:38½	9:47½
1909—Harvard	11:32	12:09
1910—Harvard	11:54½	12:02

HARVARD-YALE FOUR-OARED RACE.

Two miles.

Year. Winner.	Time.	Loser's time.
1901—Harvard	11:49⅕	12:02⅕
1902—Harvard	11:19½	11:25½
1903—Yale	10:59⅘	11:10⅕
1904—Harvard	12:12	12:15
1905—Harvard	11:22	11:27
1906—Yale	12:15	12:21
1907—Yale	12:33	13:15
1908—Yale	10:33½	10:43
1909—Harvard	13:14	13:23
1910—Harvard	13:02½	13:18

CORNELL-HARVARD RACES.

Two miles. Eight-oared crews.

Year. Course.	Winner.	Time.
1907—Lake Cayuga	Cornell	11:01
1908—Charles river	Harvard	10:47
1909—Lake Cayuga	Cornell	11:00
1910—Charles river	Cornell	11:23

HARVARD VS. ANNAPOLIS.

Harvard's eight-oared university crew defeated the Annapolis Naval academy crew on the Severn river two-mile course April 21, 1910, by nearly three lengths. Harvard's time was 11:17 and the navy's 11:26.

WISCONSIN VS. WASHINGTON.

In a race between eight-oared crews of the Wisconsin and Washington universities over a three-mile course on Lake Mendota, at Madison, Wis., June 4, 1910, Wisconsin won by about four lengths in 16:06.

ANNAPOLIS VS. SYRACUSE.

Annapolis defeated Syracuse university in an eight-oared race over a two-mile course at Annapolis, Md., May 21, 1910, by a third of a length. Time, 10:35⅘.

WASHINGTON VS. STANFORD.

Washington university won the Pacific coast eight-oared championship by defeating Leland Stanford in a race on Lake Washington, at Seattle, Wash., May 26. The Stanford shell was swamped by the rough water when half of the three-mile course had been covered. Washington finished in 18:22:03.

NATIONAL ROWING REGATTA.

The thirty-eighth annual regatta of the National Association of Amateur Oarsmen was held on the Potomac river, at Washington, D. C., Aug. 12-13, 1910. The winners and time in the various events were:

Intermediate eight-oared shells—Argonaut Rowing club, Toronto, Ont.; 6:35.

Junior eight-oared shells—Arundel Rowing club, Baltimore, Md.; time not given.

Intermediate four-oared shells—Argonaut Rowing club, Toronto, Ont.; 7:28⅘.

Senior double-scull shells—Harlem Rowing club, New York; 7:28.

Intermediate double sculls—Rockrimmon Rowing club, Springfield, Mass.; 7:57.

Senior singles, quarter-mile dash—William Mehrhof, Nassau Boat club, New York; 1:24⅘.

Senior international four-oared shells—Arundel Boat club, Baltimore, Md., 7:04⅘.

Junior eight-oared shells—Detroit Boat club, Detroit, Mich.; 6:55⅘.

Association senior single sculls—S. F. Gordon, Vesper Boat club, Philadelphia, Pa.; 8:39.

Senior four-oared shells—Arundel Boat club, Baltimore, Md.; 7:25.
Intermediate single sculls—N. B. Jackes, Argonaut Rowing club; 8:45⅘.
Quadruple senior scull shells—Nassau Boat club, New York; 7:24⅘.
Championship senior single sculls—William Mehrhof, Nassau Boat club, New York; 8:34⅘.
Senior eight-oared shells—Ottawa Rowing club, Ottawa, Ont.; 6:33⅘.

AMERICAN ROWING REGATTA.

The eighth annual regatta of the American Rowing association took place on the Schuylkill river, Philadelphia, Pa., May 21, 1910. Winners and time:
First pair oared shells—Won by West Philadelphia Boat club. Time, 8:35⅘.
First eight-oared shells—Won by Harvard university. Time, 6:52⅘.
Interscholastic eight-oared shells—Won by Central high school, Philadelphia. Time, 7:12.
Freshman eight-oared shells—Won by Columbia university. Time, 7:09⅘.
First double sculls—Row over for Harlem Rowing club, New York. No time taken.
Junior collegiate eight-oared shells—Won by Harvard. Time, 7:09⅕.
First single sculls—Won by Fred Shepherd, Harlem Rowing club, New York. Time, 8:54⅘.
Second four-oared shells—Won by Malta Boat club, Philadelphia. Time, 8:01⅘.
Special interclub second eight-oared shells—Won by Wahnetah Boat club, New York. Time, 7:33⅘.
First four-oared sculls—Won by University Boat club, Philadelphia. Time, 7:50.
Second single sculls—Won by Fred Fuessell, Harlem Rowing club, New York. Time, 8:50⅘.
First four-oared shells—Won by University Barge club, Philadelphia. Time, 8:03⅕.

OXFORD-CAMBRIDGE RECORD.

Course from Putney to Mortlake, London.

Year.	Winner.	Time.
Year.	Winner.	Time.
1880	Oxford	21:23
1881	Oxford	21:51
1882	Oxford	20:12
1883	Oxford	21:08
1884	Cambridge	21:39
1885	Oxford	21:36
1886	Cambridge	22:29½
1887	Cambridge	20:52
1888	Cambridge	20:48
1889	Cambridge	20:14
1890	Oxford	22:03
1891	Oxford	21:48
1892	Oxford	19:21
1893	Oxford	18:47
1894	Oxford	21:39
1895	Oxford	20:50
1896	Oxford	20:01
1897	Oxford	19:12
1898	Oxford	22:15
1899	Cambridge	21:04
1900	Cambridge	18:47
1901	Oxford	22:31
1902 (March 22)	Cambridge	19:09
1903 (April 1)	Cambridge	19:32½
1904 (March 25)	Cambridge	21:36
1905 (April 1)	Oxford	20:35
1906 (April 7)	Cambridge	19:25
1907 (March 16)	Cambridge	20:26
1908 (April 4)	Cambridge	19:19
1909 (April 3)	Oxford	19:50
1910 (March 23)	Oxford	20:14

Note—The race of 1910 was the sixty-seventh in the history of the event. The first contest took place in 1845.

CANADIAN HENLEY.

At the annual regatta of the Canadian Association of Amateur Oarsmen, held on the Canadian Henley course, at St. Catherines, Ont., Aug. 5-6, 1910, the results in the principal events were as follows:
Intermediate singles—Fred Lepper, Don Rowing club, Toronto, won; N. D. Jackes, Argonaut Rowing club, Toronto, second; Charles H. Fox, Brockville Rowing club, Brockville, third; 10:27⅕.
Intermediate doubles—Don Rowing club, Toronto, first; Argonaut Rowing club, Toronto, second; 9:38.
Working boat fours—Hamilton Rowing club, Hamilton, first; St. Catherines Rowing club, St. Catherines, second; 9:55½.
Senior eights—Ottawa Rowing club, Ottawa, first; Argonaut Rowing club, Toronto, second; Detroit Rowing club, Detroit, Mich., third; 6:50½.
Intermediate fours—Britannia Rowing club, Ottawa, first; Toronto Rowing club, Toronto, second; 9:13.
Junior fours, 140 pounds—Argonaut Rowing club, Toronto, first; Don Rowing club, Toronto, second; Lachine Rowing club, Lachine, third; 9:19.
Senior singles—B. B. Butler, Argonauts, Toronto, first; Ernest E. Smith, Union Rowing club, Boston, second, 10:12½.
Senior doubles—Argonaut Rowing club, Toronto, first; Don Rowing club, Toronto, second; 9:36.
Senior fours—Ottawa Rowing club, Ottawa, first; Hamilton Rowing club, Hamilton, second; 9:08½.

HENLEY REGATTA (ENGLAND).

The royal regatta at Henley, England, took place July 4-7, 1910. The Grand Challenge cup was won by Magdalen college of Oxford from Jesus college of Cambridge by two lengths in 7:19. The Stewards Challenge cup was won by the Winnipeg Rowing club of Winnipeg, Canada, in 7:52, from the Mainzer Ruder club of Mayence, Germany. In the final of the diamond sculls race, W. D. Kinnear of Kensington defeated Rudolph Lucas of Mayence, Germany, in 8:51.

SCULLING.

Richard Arnst retained the world's sculling championship by defeating George Welch, the New Zealand champion, at Christchurch, New Zealand, April 4, 1910. The race was for a stake of $2,500 and was over the regulation course of three miles and a fraction. Arnst won by six lengths.

In a race for the sculling championship of the world Aug. 18, 1910, Richard Arnst of New Zealand, the champion, defeated Ernest Barry of London by two lengths. The contest took place on the Zambezi river, a short distance from Victoria Falls, Africa, over a course of three and one-half miles. The stakes were $2,500 a side.

James A. Ten Eyck of Syracuse, N. Y., defeated James H. Riley in a three-mile sculling race on Lake Lonely, at Saratoga, N. Y., Aug. 29, 1910. Time, 23:13. Both men are more than 60 years of age.

ROWING RECORDS.

¼ mile—*:57, single scull, straightaway, Edwin Henley, Newark, N. J., July 11, 1901.
½ mile—*2:08⅕, single scull, straightaway, Edwin Henley, Newark, N. J., July 11, 1893.
1 mile—4:28, single scull, straightaway, James Stansbury, with tide, Thames river, England, July 11, 1896; *4:48, single scull, straightaway, Rupert Guiness, Thames river, England, 1893.
2 miles—*9:18, eight oars, straightaway, Cornell freshmen, Poughkeepsie, N. Y., June 26, 1903.
3 miles—*14:27½, eight oars, straightaway, Cornell varsity, New London, Conn., June 25, 1891.
4 miles—*18:53⅕, streightaway, Cornell university, Poughkeepsie, N. Y., July 2, 1901.
*Performance by amateurs.

SHOOTING.

RIFLE COMPETITION.

CAMP PERRY TOURNAMENT.

The eighth annual matches of the National Board for the Promotion of Rifle Practice, the twenty-eighth annual matches of the National Rifle Association of America, the seventh annual matches of the Ohio State Rifle association and the annual competition of the Ohio national guard took place at Camp Perry, O., Aug. 3-25, 1910.

OHIO STATE MATCHES.

The Herrick trophy match, open to teams of eight from the United States army and navy, U. S. marine corps, U. S. military and naval academies and the national guard, was won by the Ohio national guard team with a score of 1,689, against 1,688 points made by the team from the U. S. marines. The U. S. cavalry team was third with 1,679 points.

The governor's match was won by Capt. A. C.

Nissen, 5th U. S. cavalry, who scored 331, against 330 made by Sergt. Victor Czegka and Corporal Fred Walstrom of the marine corps. The skirmish match for the Peters trophy was won by Private Cedric Long of the Massachusetts team.

NATIONAL RIFLE ASSOCIATION MATCHES.

The Wimbledon cup match, open to all citizens, 20 shots at 1,000 yards, was won by Capt. Guy H. Emerson of Ohio with a score of 99 out of a possible 100. Lieut.-Col. C. B. Winder of Ohio was second with 99, and W. T. Spratt of Georgia third with 98.

The regimental team match, open to teams of six men from the United States army and navy, the national guard and naval militia and military colleges, 10 shots each at 200, 600 and 1,000 yards, was won by the 6th Massachusetts team. Score of the leaders:

Organization.	200 yds.	600 yds.	1,000 yds.	Agg.
6th Massachusetts	272	280	279	831
15th U. S. infantry	262	285	274	821
53d Iowa	258	285	275	818
74th New York	255	277	285	817
Brigade Midshipmen No. 2	270	274	266	810
1st Hawaii No. 1	255	272	277	804
1st Illinois	264	277	263	804
15th U. S. cavalry	250	275	273	798
Brigade Midshipmen No. 1	258	272	266	796
2d Connecticut	256	276	264	796

The ten leaders in the president's match were: Sergt. W. A. Fragner, U. S. M. C., 283; Midshipman H. D. Smith, U. S. N., 282; Corporal G. W. Farnham, marine corps, 281; Ensign R. C. Giffen, U. S. N., 280; Quartermaster Sergt. J. S. Wierzbowski, U. S. N., 280; Ensign T. A. Thomson, U. S. N., 280; Lieut. W. B. Wallace, U. S. infantry, 278; Ensign V. V. Woodward, U. S. N., 278; Private C. J. Van Amburgh, Massachusetts, 278; Lieut. A. L. Briggs, U. S. infantry, 277.

A new 1,000-yard tyro record was made on Aug. 16 by Sergt. Clark of the 2d Indiana, who in the individual long-range tyro match scored 19 consecutive bulls. Sergt. H. E. Stadie, 13th U. S. infantry, made 16.

The marine corps match, shot at 600 and 1,000 yards, was won by Corporal O. A. Schofield of Massachusetts, who scored 192. The other leaders were: Corporal J. E. Peterson, marine corps, 192; Capt J. A. Blythe, Louisiana, 191; Private E. J. Blade, U. S. marine corps, 191; Capt. J. H. Emerson, Ohio, 190.

The Leech cup match was won by Second Lieut. Clarence A. Sturdevant, corps of engineers U. S. A., with a score of 105. The other leaders and their scores were: Col. C. B. Winder, Ohio, 103; Capt. C. H. Emerson, Ohio, 103; Capt. E. W. Eddy, Ohio, 102; Sergt. Klemma, U. S. cavalry, 102; Capt. W. H. Woolf, Arizona, 101; McHammond, Michigan, 101; Capt. Casey, Pennsylvania, 101; Lieut. J. M. Wainwright, U. S. cavalry, 101.

The life-membership match was won by Maj. Charles G. Townsend, Colorado, who scored 64.

The individual rapid-fire match was won by Lieut. B. A. Dixon of the U. S. infantry, who won the shoot-off with Sergt. R. R. Jaboe, Oklahoma; Lieut. C. E. Donahue, Pennsylvania; Lieut. J. F. King, Iowa, and Lieut. G. C. Brant, U. S. cavalry.

NATIONAL MATCHES.

Forty-three teams of twelve men each took part in the eighth annual contest for the national team match shot for at Camp Perry, O., Aug. 22-24, 1910, under the auspices of the National Board for the Promotion of Rifle Practice. The conditions called for slow fire at 200, 600 and 1,000 yards, with 2 sighting shots and 10 shots for record at each range; rapid fire, 200 yards, 10 shots; skirmish fire, 20 shots. The arm used was the United States rifle, model 1903. The score of the first twenty teams follows:

	200 yds.	600 yds.	1,000 yds.	R.F.	Sk.	Agg.
U. S. infantry	539	556	523	543	1,025	3,186
U. S. cavalry	518	562	485	530	1,020	3,115
Iowa	512	550	477	541	1,032	3,112
U. S. navy	526	553	491	524	1,017	3,111
U. S. naval academy	514	563	506	529	995	3,107
Massachusetts	527	551	509	505	1,013	3,105
Wisconsin	504	556	494	535	1,012	3,101
Colorado	513	556	478	516	1,023	3,086
Michigan	498	547	501	520	1,000	3,066
New York	506	569	489	530	958	3,052
Ohio	504	549	479	546	966	3,044
Minnesota	501	550	491	525	954	3,021
District of Columbia	512	555	507	515	931	3,020
Texas	513	552	462	531	961	3,019
Oklahoma	505	560	496	525	908	2,994
Kansas	488	554	501	523	915	2,981
Illinois	520	554	472	508	926	2,980
Pennsylvania	511	557	492	523	896	2,979
California	499	536	454	530	949	2,968
New Jersey	519	544	488	423	908	2,952

National Individual Match—Conditions: (1) Skirmish run; (2) 200 yards, rapid fire; (3) 200 yards, slow fire; (4) 600 yards, slow fire; (5) 1,000 yards, slow fire. Leading scores:

No.	Name.	Score.
1.	Sergt. S. Clark, Indiana	274
2.	Capt. F. H. Heidenreich, Dist. Columbia	272
3.	Corporal H. L. Adams, U. S. army	270
4.	Midshipman W. W. Smith, U. S. navy	268
5.	Midshipman R. E. Kerr, U. S. navy	268
6.	Corporal E. E. Eiler, U. S. marine corps	268
7.	Sergt. H. E. Stadie, U. S. army	267
8.	Corporal G. W. Farnham, U. S. mar. corps	266
9.	Forest Nagler, Wisconsin	265
10.	Sergt. Matt Klem, U. S. army	265

The military rifle championship of the United States, which goes to the contestant making the highest aggregate score in the president's and the national individual matches, was won by Corporal George W. Farnham of the U. S. marine corps, who scored 547. Corporal Harry L. Adams, troop C, 15th cavalry, was second with 546, and Corporal W. A. Fragner of the marine corps third at 544.

SEAGIRT TOURNAMENT.

The nineteenth annual tournament of the New York, New Jersey and Pennsylvania State Rifle association took place at Seagirt, N. J., Sept. 2-10, 1910. The principal event, the Dryden trophy match, was won by the United States infantry team with a score of 1,065; New York was second with 1,060. The shooting was at 200, 600 and 1,000 yards. The Libbey match at 1,000 yards was won by Lieut.-Col. C. B. Winder of Ohio.

Lieut.-Col. W. A. Tewes of New Jersey won the Seagirt championship with a total score of 184 points out of a possible 200 at 200, 600, 900 and 1,000 yards. The Hale cup match at 600 yards was won by Maj. William B. Martin with ten consecutive bull's eyes. The Briggs trophy was won by the 15th U. S. infantry with a score of 770.

The McAlpin trophy was won by the District of Columbia team with a total score of 1,073; New York was second with 1,052. The shooting was at 200, 600 and 1,000 yards.

BISLEY MEETING.

The challenge trophy shooting match for teams representing different parts of the British empire resulted July 2, 1910, in a victory for the home team. Its score for six ranges was 2,177 out of a possible 2,400. The Canadian team was second with a score of 2,105.

Corporal Radice of the Oxford university marksmen won the king's prize of $1,250 and a gold medal at the Bisley (England) meeting under the auspices of the British National Rifle association, July 16, 1910, with a record score of 340 out of a possible 355. He also won the silver medal. Capt. Campbell won the bronze medal with a score of 104 out of a possible 105.

NEW WORLD'S RECORD.

In the annual New England interstate rifle competition at Wakefield, Mass., July 13, 1910, Corporal Perry B. Schofield of company E, 5th Massachusetts, scored 116 consecutive bull's eyes at 500 yards. The previous world's record was held by Capt. Stephen T. Wise of the 6th Massachusetts, who made 60 bull's eyes.

REVOLVER AND PISTOL SHOOTING.

CAMP PERRY TOURNAMENT.

The national police team match shot Aug. 11, 1910, at Camp Perry, O., under the auspices of the Ohio State Rifle association, was won by the Chi-

cago police department team with a score of 1,109 points. The team was composed of George Weideling, Andrew Pidgeon, James Farrell, Joseph Kilgore, Albert Kanson and A. L. Gambler. Score of competing teams:

	Slow fire.	Time fire.	Rapid fire.	Totals.
Chicago police	209	440	460	1,109
Cincinnati police	192	408	446	1,046
St. Louis police	202	399	403	1,004

The national police individual match was won by Sergt. G. H. Weideling of Chicago with a score of 233.

The cavalry revolver match was won by the Colorado squadron with 1,082 points. Squadron A of New York was second with 1,072, and the machine gun platoon of the 10th U. S. infantry was third with 827.

The winners of the individual revolver matches were: Slow fire, 75 yards, Le Roy Lyon, Colorado, 93; timed fire, 25 yards, Le Roy Lyon, 99; timed fire, 50 yards, Corporal C. M. McCutcheon, 1st Colorado cavalry, 92; rapid fire, 15 yards Lieut. R. L. Sayre, New York.

The scores of the first ten men in the national revolver match, shot at 75, 25, 50, 15 and 25 yards, were:

Capt. J. P. Hopkins, U. S. A.	419
Private R. B. Dennis, Ohio cavalry	418
Corporal F. T. Coffin, Colorado cavalry	405
Sergt.-Maj. G. C. Olcott, 1st Missouri	403
First-Lieut. Snyder, 17th U. S. infantry	397
Private L. Lyon, Colorado cavalry	396
Capt. A. C. Nissen, U. S. A.	393
Private J. H. Snook, Ohio cavalry	391
Second-Lieut. C. L. Sturdevant, U. S. A.	390
Cook A. Smith, Colorado cavalry	387

TARGET SHOOTING.

GRAND AMERICAN HANDICAP.

The eleventh Grand American handicap shoot at inanimate targets took place at Chicago, June 21-24, 1910. The winner of the main event was Riley Thompson of Cainsville, Mo., who shot from the 19-yard mark, and made a perfect score—100—for the first time in the history of the handicap. Harvey McMurchy of Syracuse, N. Y., was second with 99. He shot from the 18-yard mark. Following were the high guns from 96 up:

	Yds.	Tot.		Yds.	Tot.
R. Thompson	19	100	C. G. Spencer	21	96
H. McMurchy	18	99	H. Dixon	20	96
Jay Graham	20	98	C. M. Powers	20	96
G. Volk	18	98	J. S. Day	19	96
F. G. Bills	21	97	Mrs. Topperwein	19	96
W. H. Heer	21	97	A. A. Vance	18	96
H. S. Welles	19	97	F. W. McNeir	17	96
L. H. Cushing	16	97	R. Winters	17	96
E. W. Heath	16	97	J. A. Flick	16	96
W. F. Clark	16	97	H. H. Hotze	16	96
G. S. Lewis	16	97	C. E. Shaw, Jr.	16	96
W. J. Raup	16	97	E. L. Stanton	16	96
L. S. German	21	96	S. Rice	18	96

William J. Raup of Portage, Wis., won the preliminary handicap with a score of 99 from the 16-yard mark. He was tied with Charles E. Shaw of Chicago, but won in the shoot-off with 20, while Shaw made 17.

Charles G. Spencer of St. Louis, Mo., won the professional championship event after shooting off a triple tie with Homer Clark of Upper Alton, Ill., and John W. Garrett of Colorado Springs, each having made scores of 190. The contestants shot at 200 targets, 40 being double from the 18-yard mark. The six high guns were:

C. G. Spencer	190	L. German	189
J. W. Garrett	190	G. Lyon	189
H. Clark	190	C. Young	187

Guy V. Dering of Columbus, Wis., won the amateur championship with a score of 189, the shooting conditions being the same as in the professional event. The ten high guns were.

G. V. Dering	189	R. A. King	183
J. S. Day	188	C. M. Powers	183
J. Graham	188	R. Thompson	180
G. M. Stanton	184	B. T. Cole	180
Joe Barto	184	Jesse Young	179

Grand American handicap winners to date:

Year.	Winner.	Score.	Year.	Winner.	Score.
1900	R. O. Heikes	91	1906	S. E. Rogers	94
1901	E. C. Griffith	95	1907	J. J. Blanks	96
1902	C. W. Floyd	94	1908	F. Harlow	92
1903	M. Diefenderfer	94	1909	Fred Shattuck	96
1904	R. D. Guptill	96	1910	R. Thompson	100
1905	R. R. Barber	99			

WESTERN HANDICAP.

The western handicap shooting tournament under the auspices of the Interstate association took place at Des Moines, Iowa, May 24-26, 1910. The main event was won by J. E. Dickey of Davenport, Iowa, who, shooting from the 16-yard line, broke 96 targets out of 100. The preliminary handicap was taken by M. Thompson of Gainesville, Mo., with a score of 94. Winners of western handicap to date:

Year.	Winner.	Score.	Year.	Winner.	Score.
1906	W. R. Crosby	97	1909	F. H. Bailey	97
1907	T. E. Graham	99	1910	J. E. Dickey	96
1908	B. F. Elbert	96			

ILLINOIS CHAMPIONSHIPS.

The Illinois State Sportsmen's annual tournament took place on the grounds of the Chicago Gun club May 17-19, 1910. William D. Stannard of Chicago won the board of trade diamond badge with a score of 94 out of a possible 100, shooting from 21 yards. E. G. Graham of Long Lake was second with 93 from 20 yards. C. M. Powers of Decatur won the sweepstakes contest with a score of 104; Fred Gilbert of Spirit Lake, Iowa, being second with 101. Jay Graham of Long Lake, Ill., won the L. C. Smith cup, breaking 25 clay targets without a miss from 21 yards. In the 200-bird event Fred Bills of Chicago was high professional with a score of 195. W. R. Crosby was second with 193 and C. B. Wiggins third with 192. Jesse Young of Chicago won the amateur championship with a score of 49, and William R. Crosby of O'Fallon, Ill., the professional championship with a score of 48.

C. A. McDermott of Bloomington is president of the association and A. C. Connors of Springfield secretary-treasurer.

PACIFIC COAST HANDICAP.

In the Pacific coast handicap trap shoot at Seattle, Wash., Aug. 2-4, 1910, the main event was won by J. J. Law of Aberdeen, Wash., with a score of 97 out of a possible 100. F. A. Dryden of Walla Walla was second with 94 and P. A. Nelson of Yacolt third with 92. The handicap is for amateurs only, but professionals are allowed to shoot for records. In this class R. W. Clancy of Chicago was high man with 93. In one of the minor events, Mrs. A. D. Topperwein of San Antonio, Tex., made a perfect score of 100.

GRAND CHICAGO HANDICAP.

The first Grand Chicago handicap tournament took place at the Chicago Gun club traps, Michigan avenue and 123d street, Chicago, Aug. 30-Sept. 1, 1910. The main event, the handicap, was won by Albert Southard of Pecatonica, Ill., who defeated Hugh Clark of Urbana, Ill., 16 to 12, in the shoot-off after both had tied at 94. Following were the handicaps and scores of the leaders:

	Hdcp.						
E. Southard	19	19	20	17	20	18	94
Hugh Clark	20	19	19	18	20	18	94
F. C. Bills	23	19	19	19	18	19	94
Pat Graham	18	20	19	18	16	20	93
Fred Gilbert	23	18	18	18	19	19	92
Jay R. Graham	23	17	15	19	20	20	91
Lon Fisher	19	20	19	16	17	19	91
C. A. Galbraith	19	17	19	16	19	20	91
C. J. Bow	17	17	19	19	18	18	91
E. W. Heath	19	19	19	19	17	17	91
Ed. Graham	21	17	18	18	19	19	91
F. O. Kingsbury	18	19	19	19	15	18	90
S. Park	18	18	18	18	17	19	90
Captain Jack	20	18	18	18	17	19	90

In shooting in other events Jay Graham of Long Lake, Ill., established a new world's amateur record by breaking 417 targets from the 16-yard mark without a miss. The previous record was held by Dan O'Connell of San Antonio, Tex., who had a straight run of 366. The professional record is 565, made by Charles Spencer of St. Louis in 1909 at Viola, Ill.

BOWLING.

AMERICAN BOWLING CONGRESS.

Leading prize winners in the tenth annual tournament of the American bowling congress held in Detroit, Mich., Feb. 26-March 16, 1910:

FIVE-MAN TEAMS.

Team and city.	Score.	Prize.
Cosmos, Chicago	2,880	$800
Saramitas, Wheeling, W. Va	2,872	675
O'Learys No. 2, Chicago	2,833	575
Ko Kos, New York	2,831	480
Hyde Parks, St. Louis	2,827	415
Cadillacs, Detroit	2,807	360
Zieglers, St. Paul	2,804	310
Colonials, Madison, Wis	2,803	265
Howard Majors, Chicago	2,802	225
Libertys, Rochester	2,789	200
Elks No. 31, Syracuse	2,787	175
Ungers, Pittsburg	2,786	160
Chalmers-Detroit, Chicago	2,783	145
Rovers, Buffalo	2,770	135
Vulcans, Oshkosh, Wis	2,757	125
Bonds, Columbus	2,753	115
Cham. of Commerce, Washington, D. C.	2,746	105
Rush & Lavins, Cleveland	2,740	95
Blue Ribbons, Buffalo	2,739	87
Mahoneys, Chicago	2,739	87

TWO-MAN TEAMS.

Team and city.	Score.	Prize.
Daiker-Wetterman, Cincinnati	1,231	$500
Wood-Leigh, Chicago	1,222	400
Erickson-Jaerges, Oshkosh, Wis	1,213	350
Cook-Crewson, Sebring, O	1,203	275
Zimmerman-Campbell, So. Bend, Ind	1,203	275
Bauer-Bamberg, Detroit	1,199	200
Sundvahl-Wilson, Chicago	1,198	160
P. Riddell-Pump, New York	1,196	125
Hall-Lane, Washington, Pa	1,196	125
Eggers-Leverenz, Chicago	1,194	100

INDIVIDUAL WINNERS.

Name and city.	Score.	Prize.
Thomas Haley, Detroit	705	$325
William Richter, Chicago	692	265
George Qualey, St. Louis	689	225
Glen Fisher, Chicago	660	190
W. C. Zoellner, Fond du Lac, Wis	657	165
Alex. Dunbar, New York	656	140
Max Unger, Cleveland	649	120
George Oakey, Madison, Wis	642	100
Louis Franz, Cleveland	641	80
John Kolde, Cincinnati	641	80
Max Drossman, Detroit	641	80

ALL EVENTS.

Name and city.	Score.	Prize.
Tom Haley, Detroit	1,961	$200
William Richter, Chicago	1,884	140
O. Roeder, Kansas City	1,883	100
G. Grossman, Philadelphia	1,836	75
Albert Nelson, Chicago	1,834	60

CHAMPIONSHIP RECORD.

FIVE-MAN TEAMS.

Year. Team and city.	Score.
1901—Standards, Chicago	2,720
1902—Fidelias, New York	2,792
1903—O'Learys, Chicago	2,819
1904—Ansons, Chicago	2,737
1905—Gunthers No. 2, Chicago	2,795
1906—Centurys No. 1, Chicago	2,794
1907—Furniture Citys, Grand Rapids	2,775
1908—Bonds, Columbus, O	2,927
1909—Lipmans, Chicago	2,962
1910—Cosmos, Chicago	2,880

TWO-MAN TEAMS.

1901—Voorhees-Starr, New York	1,203
1902—McLean-Steers, Chicago	1,237
1903—Collins-Selbach, Columbus	1,227
1904—Kraus-Spies, Washington	1,184
1905—Stretch-Rolfe, Chicago	1,213
1906—Hamilton-Husey, Philadelphia	1,268
1907—Richter-Bigley, Louisville	1,164
1908—Kiene-Chalmers, Chicago	1,254
1909—Schwoegler brothers, Madison, Wis	1,304
1910—Daiker-Wetterman, Cincinnati	1,231

INDIVIDUALS.

1901—Frank Brill, Chicago	648
1902—Fred Strong, Chicago	649
1903—David A. Jones, Milwaukee	683
1904—Martin Kern, St. Louis	647
1905—C. Anderson, St. Paul	651
1906—Frank T. Favour, Oshkosh	669
1907—M. Levey, Indianapolis	624
1908—A. Wengler, Chicago	699
1909—Larry Sutton, Rochester, N. Y	691
1910—Thomas Haley, Detroit	705

INTERNATIONAL BOWLING ASSOCIATION.

In the International Bowling association tournament in St. Paul, Minn., ending Feb. 25, 1910, the Chalmers-Detroit team of Chicago won the five-man event with a score of 2,760. Martin and Vandertunk of St. Paul won the doubles event with 1,243 points, and Johnson of Minneapolis captured the individual event with a score of 618. Summary of winners to date:

FIVE-MAN TEAMS.

1903—Acmes, St. Paul	2,726
1904—Capitols, St. Paul	2,694
1905—Courts, St. Paul	2,820
1906—Capitols, St. Paul	2,746
1907—Pfisters, St. Paul	2,781
1908—Anheuser-Busch, St. Paul	2,789
1909—Doris, St. Paul	2,653
1910—Chalmers-Detroit, Chicago	2,760

TWO-MAN TEAMS.

1903—Olness-Wooley, Minneapolis	1,213
1904—Hansen-Parker, Minneapolis	1,174
1905—Wooley-Garland, Minneapolis	1,277
1906—Gosewich-Muggley, St. Paul	1,160
1907—Listy-Ferguson, Duluth	1,196
1908—Moshofsky-Hinderer, St. Paul	1,246
1909—Yost-Miller, St. Paul	1,195
1910—Martin-Vandertunk, St. Paul	1,243

INDIVIDUALS.

1903—Skorish, St. Paul	674
1904—Alness, Minneapolis	658
1905—Kampman, St. Paul	636
1906—Werner, Winona	589
1906—G. Olson, Duluth	589
1907—Wooley, Minneapolis	617
1908—Campbell, Duluth	622
1909—Dolan, Minneapolis	636
1910—Johnson, Minneapolis	618

ILLINOIS STATE CHAMPIONSHIPS.

The thirteenth annual Illinois state bowling tournament was held in Chicago, April 23-May 15, 1910. The five-man event was won by the Lipmans with a score of 2,977. The Howard Majors were second with 2,910 and the Harper Ryes third with 2,840. The two-man event was won by Phil Wolf and Jack Reilly with a score of 1,218, and the individual event by Andy Hall, whose score of 725 was world's record. Phil Wolf won the diamond medal for the best general average in nine games, 1,836. The record in each event to date stands:

FIVE-MAN TEAMS.

Year and team.	Score.
1898—Interclub league, Chicago	2,425
1899—Interclub league, Chicago	2,581
1900—Chicago league, Chicago	2,574
1901—Chicago league, Chicago	2,944
1902—Chicago league, Chicago	2,900
1903—South Chicago league, Chicago	2,875
1904—Chicago league, Chicago	2,853
1905—West Side Business Men's league, Chicago	2,855
1906—Bensingers, Chicago	2,882
1907—Lake View league, Chicago	2,920
1908—Howard Majors, Chicago	2,857
1909—Lincolns No. 1, Chicago	2,960
1910—Lipmans, Chicago	2,977

TWO-MAN TEAMS.

Year and team.	Score.
1904—O. W. Schmidt-H. Steers	1,269
1905—P. Ward-D. McGuire	1,216
1906—C. H. Wood-F. Bartsch	1,270
1907—F. Bomer-G. Bomer	1,223
1908—Jack Hoffenkamp-H. Glassner	1,339
1909—J. J. Zust-W. P. Gomph	1,249
1910—Phil Wolf-Jack Reilly	1,218

INDIVIDUALS.

Year. Winner and league.	Score.
1898—W. B. Hanna, Chicago	*172 5-6
1899—H. E. Shepard, Chicago	*190

Year.	Winner and league.	Score.
1900—	W. V. Thompson, Interclub	*197 11-12
1901—	Fred Worden, Anson	*201 7-9
1902—	J. E. Berlin, Sheridan	*201 7-9
1903—	Fred Worden, Star	643
1904—	Andrew Hall, Chicago	630
1905—	R. Wienold, Monroe	711
1906—	James Foley, Union	662
1907—	O. Heitschmidt, Lake View	649
1908—	Dan Ward, Tosettis	687
1909—	Otto A. Kupfer, Southwest	678
1910—	Andrew Hall, Chicago	725

*Averages.

BEST AVERAGE NINE GAMES.

Year.	Winner and league.	Score.
1904—	H. Steers, Chicago	1,803
1905—	A. Toemmel, Chicago	1,769
1906—	D. Woodbury, Chicago	1,826
1907—	August Trapp, Chicago	1,851
1908—	Eddie Meyer, Indianapolis	1,854
1909—	Sylvester A. Murray, Chicago	1,841
1910—	Phil Wolf, Chicago	1,836

CHAMPIONSHIP OF CHICAGO.

Following were the leading winners and scores in the Chicago bowling championship season ended Jan. 10, 1910:

FIVE-MAN TEAMS.

Boller Pianos	2,961	Columbian Knights	2,800
O'Learys II	2,926	Bull Frogs	2,799
Colonnas II	2,888	Belmonts	2,793
Breen & Kennedys	2,881	Simonds Saws	2,788
Dust-To-Gos	2,881	Grossmans	2,784
Stehnos	2,863	Hank's Colts	2,774
Lipmans	2,858	Melrose	2,774
Brucks I	2,842	Centurys	2,759
Almeroths	2,826	Mahoneys	2,759
Hovorkas	8,824	Bryn Mawr II	2,745
Derbys	2,814	Eagle Teas	2,731
Harper Ryes	2,808	Jose Gomez	2,730
Chalmers-Detroits	2,806	Bensinger Monroe I	2,722

TWO-MAN TEAMS.

Flenner-Collier	1,298	Krause-Minor	1,220
Root-Stone	1,259	Howley-Schmidt	1,218
Bliss-Levine	1,236	Lau-Bumhour	1,202
Steele-Brown	1,235	Langmayer-Meyer	1,201
E.-J. Blouin	1,224	Steinmiller-Lippert	1,201
McNulty-Hawley	1,223	Carlson-Peth	1,200

INDIVIDUALS.

H. A. Walker	697	A. A. Hampson	653
C. Horndorf	678	C. Collier	652
G. Bangart	670	C. Munk	651
A. Gaul	667	T. Foss	651
A. Enbom	661	W. Eggars	651
E. Mackay	654	P. Kaad	646

CHAMPIONSHIP RECORDS.

Five-Man.

1904-5—Hofmanns	2,885
1905-6—Kloempkens	2,874
1906-7—Quirk No. 1	2,890
1907-8—Eclipse	2,827
1908-9—Lederers	2,865
1909-10—Boller Pianos	2,961

Two-Man.

1904-5—Meyer-Peterson	1,283
1905-6—Faetz-Schneider	1,221
1906-7—Woodbury-Stoike	1,246
1907-8—Ehlman-Weeks	1,240
1908-9—Peifer-Steers	1,250
1909-10—Flenner-Collier	1,298

Individuals.

1904-5—George A. Rost	671
1905-6—Robert Wienold	659
1906-7—James Hartwell	678
1907-8—Charles Nelson	684
1908-9—E. D. Peifer	659
1909-10—H. A. Walker	697

Nine-Game Champions.

1905—Eddie Meyer	1,845
1906—Matt Faetz	1,876
1907—D. Woodbury	1,957
1908—James Blouin	1,912
1909—Charles Langmayer	1,892
1910—H. A. Walker	1,942

SWIMMING.

NATIONAL A. A. U. CHAMPIONSHIPS.

The American Athletic union's national championship swimming matches took place in New York March 4, in Chicago April 6 and 7 and Aug. 27 and in St. Louis April 9 and Sept. 5, 1910, with the following results:

500-yard race—Won by C. M. Daniels, N. Y. A. C.; "Bud" Goodwin, N. Y. A. C., second; W. R. Aurbach, City club, third. Time, 6:08. (In N. Y. A. C. tank, New York.)

50-yard race—First heat: Won by Hebner, I. A. C.; Huszagh, C. A. A., second; time, :24⅘. Second heat: Won by Daniels, N. Y. A. C.; Perry McGillivray, I. A. C., second; time :24⅘. Final heat: Won by Daniels, N. Y. A. C.; Huszagh, C. A. A., second; Hebner, I. A. C., third; time, :24⅘. (In C. A. A. tank, Chicago.)

Fancy diving—Won by Gaidzik, C. A. A., 201 points; Bornaman, C. A. A., second, 199½ points. (In C. A. A. tank, Chicago.)

Water polo—Won by Chicago Athletic association team, which made 5 points against 0 for the Illinois Athletic association team. (In C. A. A. tank, Chicago.)

220-yard race, breast stroke—Won by Michael McDermott, Central Y. M. C. A.; Olsen, C. A. A., second; E. W. McGillivray, I. A. C., third. Time, 2:56. (In I. A. C. tank, Chicago.)

100-yard race—Won by Daniels, N. Y. A. C.; Hebner, I. A. C., second; Huszagh, C. A. A., third. Time, :55⅘. (In I. A. C. tank, Chicago.)

150-yard race, back stroke—Won by H. J. Hebner, I. A. C.; Carl Weber, I. A. C., second; Monfred Toeppen, M. A. C., third. Time, 1:56⅘. (In M. A. C. tank, St. Louis.)

1-mile race—Won by "Bud" Goodwin, N. Y. A. C.; W. A. Merriam, C. A. A., second; Jack Briggs, C. A. A., third. Time, 30:02⅘. (At Wilson beach, Chicago, Aug. 27.)

10-mile race—Won by "Bud" Goodwin, N. Y. A. C.; M. McDermott, unattached, second; W. A. Merriam, C. A. A., third. Time, 1:30:49. (In Mississippi river at St. Louis, Sept. 5.)

CENTRAL A. A. U. CHAMPIONSHIPS.

The Central Amateur Athletic union's swimming championships were determined in the Chicago Athletic association's and Illinois Athletic club's tanks, Chicago, March 23-24, 1910. Summaries:

50-yard race—Won by Huszagh, C. A. A.; P. McGillivray, I. A. C., second; Hebner, I. A. C., third. Time, :25⅘.

80-yard junior race—Won by White, C. A. A.; Briggs, C. A. A., second; E. Suttle, C. A. A., third. Time, :50⅘.

160-yard relay race—Won by C. A. A. team (Huszagh, Laughlin, Healey, Mallen); I. A. C. team, second. Time, 1:22⅕.

Diving—Won by Gaidzik, C. A. A.

Polo—Won by C. A. A. team; scored 5 to 0 for I. A. C. team.

Plunge for distance—Won by Brown, I. A. C.; Healy, C. A. A., second; Meigs, C. A. A., third. Distance, 60 feet in :27⅕.

440-yard race—Won by Merriam, C. A. A.; Healy, C. A. A., second; Rose, I. A. C., third. Time, 6:21⅘.

200-yard race, breast stroke—McDermott, unattached, first; Princell, I. A. C., second; A. Olson, C. A. A., third. Time, 2:55⅘.

100-yard race—Won by Hebner, I. A. C.; P. McGillivray, second; Huszagh, C. A. A., third. Time, :50.

150-yard race, back stroke—Won by Weber, C. A. A.; H. Olson, C. A. A., second; Watts, unattached, third. Time, 2:10⅘.

220-yard race—Won by Hebner, I. A. C.; Huszagh, C. A. A., second; Mullen, C. A. A., third. Time, 2:49⅘.

880-yard race—Won by Merriam, C. A. A.; Foster, C. A. A., second; Healy, C. A. A., third. Time, 3:11⅕.

CANADIAN CHAMPIONSHIPS.

Winners in the Canadian swimming championship contests at Hanlan's Point, Ont., Aug. 20, 1910:

¼-mile—R. Hodgson, Montreal.

1-mile speed—L. B. Goodwin, New York A. C., New York.
100 yards—George Hodgson, Montreal.
Fancy and high diving—George W. Gaidzik, Chicago A. A.

CHICAGO SWIMMING MARATHON.

The third Chicago swimming Marathon took place in the Chicago river Aug. 13, 1910, the course of two miles extending from the United States life-saving station to Jackson boulevard bridge. Perry McGillivray, 18 years of age, was the winner. Following was the order at the finish and the time of the first five contestants:

Pos.	Name and club.	Time.
1	Perry McGillivray, I. A. C.	38:03
2	W. Merriam, C. A. A.	38:15
3	K. Huszagh, C. A. A.	38:33
4	H. J. Handy, unattached	39:56
5	R. Foster, unattached	40:44

Record of the event:

Year.	Winner.	Time.
1908	S. C. Jensen, I. A. C.	44:41⅘
1909	H. J. Handy, I. A. C.	36:12⅘
1910	Perry McGillivray, I. A. C.	38:03

LAKE "MARATHON" RACE.

Michael McDermott, Central Y. M. C. A., won the 2½-mile swimming "Marathon" from one of the water cribs to Wilson beach, Chicago, July 23, 1910. His time was 1:06:25.

"THROUGH LONDON" DERBY.

The annual "through London" swimming derby of fifteen miles down the Thames, from Richmond to the Thames embankment, Aug. 20, 1910, was won by T. R. Battersby in 3:21:21, which is the record for the course. Miss Olive Carson was the winner in the woman's section.

RECORDS MADE IN 1910.

(Unofficial.)

40 yards—Kenneth Huszagh, in I. A. C. tank, Chicago, Feb. 12, made distance in :19⅘, beating record of :19⅘ made by C. M. Daniels in 1907.
50 yards—Alec Wickham made distance in :23⅘ at Sydney, N. S. W., Feb. 20, beating his former record of :24⅘ for 50 yards straightaway. Charles M. Daniels, N. Y. A. C., makes distance in :24⅘ in C. A. A. tank, Chicago, April 6, breaking all previous amateur records.
100 yards—C. M. Daniels made 100 yards in :54⅘ in the I. A. C. tank, Chicago, April 7; not accepted as world's record, as tank is only twenty yards long instead of twenty-five; stands as American amateur record.
100 yards, back stroke—Made in 1:12 by H. J. Hebner, I. A. C., in M. A. A. C. tank in St. Louis, April 9.
100 yards, breast stroke—Made in 1:17⅘ by Michael McDermott of the Central Y. M. C. A., Chicago, in C. A. A. twenty-yard tank, Chicago, Oct. 12.
150 yards, back stroke—Made by H. J. Hebner, I. A. C., in 1:56⅘, in M. A. C. tank, St. Louis, April 9.
250 yards—Made in 2:55⅘ by C. M. Daniels in N. Y. A. C. tank, New York, March 4.
300 yards—Made in 3:35⅘ by C. M. Daniels in New York, March 4.
300 meters—Made in 3:57⅘ by C. M. Daniels in New York, March 4.
10 miles—1:30:52, L. B. Goodwin, in Mississippi river, at St. Louis, Sept. 5.

AMERICAN SWIMMING RECORDS.

[Compiled by Martin B. Herbert.]

50 yards—:25⅘, C. M. Daniels, N. Y. A. C.
100 yards—:56, C. M. Daniels, N. Y. A. C.
220 yards—2:25⅘, C. M. Daniels, N. Y. A. C.
440 yards—5:31⅘, C. M. Daniels, N. Y. A. C.
880 yards—11:44⅘, C. M. Daniels, N. Y. A. C.
1 mile—23:40⅘, C. M. Daniels, N. Y. A. C.
10 miles (Mississippi river)—1:30:52, L. B. Goodwin, New York Athletic club.
100 yards on back—1:15⅘, H. J. Handy, I. A. C.
100 yards, breast stroke—1:17⅘, H. J. Handy, I. A. C.
500 yards, relay—5:09⅘, I. A. C. team (H. J. Hebner, Perry McGillivray, William Vosburgh, R. E. Frizelle, H. J. Handy).
400 yards, relay—4:03⅘, I. A. C. team (H. J. Hebner, R. C. Frizelle, P. McGillivray, William Vosburgh).
Plunge for distance (1 minute time limit)—74 feet, C. L. Brown, I. A. C.
Under-water swim—320 feet, E. P. Swatek, I. A. C.

CENTRAL A. A. U. RECORDS.

40 yards—:19⅘, P. W. McGillivray, I. A. C.
100 yards—:58⅘, H. J. Hebner, I. A. C.
220 yards—2:38⅘, H. J. Handy, I. A. C.
440 yards—5:50, H. J. Handy, I. A. C.
880 yards—12:04⅘, H. J. Handy, I. A. C.
1 mile—24:43⅘, H. J. Handy, I. A. C.
100 yards, back stroke—1:15⅘, H. J. Handy, I. A. C.
100 yards, breast stroke—1:17⅘, H. J. Handy, I. A. C.
Plunge for distance—65 feet 10 inches—C. L. Brown, I. A. C.
Under-water swim—320 feet, E. P. Swatek, I. A. C.
160 yards, relay—1:23⅘, I. A. C. team (H. J. Hebner, R. E. Frizelle, P. McGillivray, William Vosburgh).
100-yard medley swim—1:10⅘, H. J. Hebner, I. A. C.
Fancy diving—F. A. Bornaman, C. A. A., and G. Gaidzik, C. A. A.

DIVING.

National Champion George Gaidzik of the Chicago Athletic association retained his title in the national diving competition at Travers island, N. Y., Aug. 13, 1910, by scoring 79⅓ points. Harold Smyrk was second with 75⅘ points and Tom O'Callahan of New York third with 63 points.

Mr. Gaidzik also won the high and fancy diving championships of Canada at Hanlan's Point, Ont., Aug. 20.

ICE SKATING.

WESTERN CHAMPIONSHIPS.

The western amateur outdoor skating championship contests took place in Garfield park, Chicago, Jan. 23, 1910, under the auspices of the Western Skating association. Charles T. Fisher of Milwaukee won the half-mile and one-mile races and Arthur Laumann of the same city took the two-mile event. Summary:

½-mile championship, final heat—Won by Fisher, Milwaukee; Ahlroth, Duluth, second; Kaad, Chicago, third. Time, 1:40.
1-mile championship, final heat—Won by Fisher, Milwaukee; Ahlroth, Duluth, second; Kaad, Chicago, third. Time, 3:25.
2-mile championship—Won by Laumann, Milwaukee; Fisher, Milwaukee, second; Kaad, Chicago, third. Time, 6:47⅘.

INTERNATIONAL CHAMPIONSHIPS.

The international outdoor skating championship contests took place on Saranac lake, New York, Feb. 2 and 3, 1910, under the auspices of the International Skating Union of America. Summary:

220 yards—Won by Edmund Lamy, Saranac Lake; Fred Robson, second; Phil Kearney, third. Time, :21⅘.
220-yard hurdles—Won by W. G. Finlayson, Montreal; Robson, second; W. H. Jackson, third. Time, :25.
½-mile—Won by Edmund Lamy; R. Wheeler, second; Kearney, third. Time, 1:32.
1 mile and 16 yards—Won by Fred Logan, Montreal; Claude Lamy, second; Gowett, third. Time, 3:37⅘.
1 mile—Won by Edmund Lamy; Wheeler, second; Joe Miller, third. Time, 3:19.
3 miles—Won by Edmund Lamy; Miller, second; Wheeler, third. Time, 9:51.
½ mile backward—Won by A. Mason, Montreal; Parent, second; W. G. Finlayson, third. Time, 2:41.

Officers of the International Skating Union of America: Allan I. Blanchard of Chicago, president; John Harding of Saranac Lake, first vice-president; James A. Taylor of Montreal, second vice-president; Fred H. Tucker of Brooklyn secretary-treasurer.

NORTHWEST CHAMPIONSHIPS.

Summary of northwest championship ice-skating races in Milwaukee, Jan. 22, 1910:

½-mile championship—Karl Ahlroth, Duluth, first;

Charles Fischer, Milwaukee, second; Cal Dube, Michigan, third. Time, 1:33⅕.
1-mile championship—Karl Ahlroth, Duluth, first; Charles Fischer, Milwaukee, second; Al Lauman, Milwaukee, third. Time, 3:11⅘.
2-mile championship—Charles Fischer, first; Karl Ahlroth, second; Al Lauman, third. Time, 6:33.

WESTERN INDOOR CHAMPIONSHIPS.

The western indoor ice-skating championship tournament took place in St. Louis, Mo., Feb. 25-26, 1910. Carl Ahlroth of Duluth made 131 points, Arthur Hess of Cleveland 76, Harry Kaad of Chicago 58, Harry Halversen of Chicago 22 and Lee Jensen of Milwaukee 9. Summaries:
¼ mile—Won by Ahlroth; Kaad, second; Hess, third. Time, :40⅘.
½ mile—Won by Ahlroth; Kaad, second; Halversen, third. Time, 1:25⅘.
1 mile—Won by Ahlroth; Hess, second; Halversen, third. Time, 2:03⅘.
2 miles—Won by Ahlroth; Hess, second; Kaad, third. Time, 6:18⅘.

INDOOR CHAMPIONSHIPS.

NATIONAL.

The national indoor ice-skating championship meet took place in Cleveland, O., Jan. 26 and 27, 1910. Edmund Lamy of Saranac Lake took the honors, breaking several records. He made the quarter mile in :38⅘, the half mile in 1:17⅘, the three-quarter mile in 2:04⅕ and the mile and a half in 4:25. Summaries of championship events:
¼ mile—Lamy won, Roe second, Robson third. Time, :38⅘.
½ mile—Lamy won, Kearney second, Ahlroth third. Time, 1:17⅘.
¾ mile—Lamy won, Kearney second, Wheeler third. Time, 2:04⅕.
1 mile—Kearney won, Ahlroth second, Roe third. Time, 2:54⅘.
1½ miles—Lamy won, Kearney second, Wheeler third. Time, 4:25.
2 miles—Lamy won, Kearney second, Roe third. Time, 6:12.

INTERNATIONAL.

Results in Pittsburg Jan. 28-29, 1910:
½ mile—Roe won, Robson second, Ahlroth third. Time, 1:22⅘.
1 mile—Lamy won, Kearney second, Roe third. Time, 2:56⅖.
1½ miles—Roe won, Ahlroth second, Fisher third. Time, 4:10.
2 miles—Wheeler won, Kearney second, Roe third. Time, 5:59⅘.
5 miles—Lamy won, Ahlroth second, Fisher third. Time 14:55.

WHIST.

TROPHY WINNERS SINCE 1901.

Trophy.	Winning club.
1901—A. W. L. Challenge	Minneapolis
Hamilton	Chicago
Minneapolis	Ypsilanti
1902—A. W. L. Challenge	Philadelphia
Hamilton	Cleveland
Minneapolis	Milwaukee
Brooklyn	New York
1903—A. W. L. Challenge	Baltimore
Hamilton	Cleveland
Minneapolis	Grand Rapids
Brooklyn	Michigan
1904—A. W. L. Challenge	Minneapolis and St. Paul
Hamilton	Racine, Wis.
Minneapolis	Scranton, Pa.
Brooklyn	Minnesota
1905—Hamilton	Chicago
Minneapolis	Chicago
Brooklyn	Chicago
1906—Hamilton	Brookline, Mass.
Minneapolis	Providence, R. I.
Brooklyn	New England Whist league
1907—Hamilton	Grand Rapids
Minneapolis	Chicago
Brooklyn	New England
1908—Hamilton	Boston
Minneapolis	Albany
Brooklyn	New England Whist league
1909—Hamilton	Boston
Minneapolis	Boston
Brooklyn	New England Whist league
1910—Hamilton	Chicago Whist club
Minneapolis	Knickerbocker Whist club, New York
Brooklyn	New England Whist league

Officers of the American Whist league are: President, Edmund J. Phelps, Minneapolis; vice-president, Dr. E. E. Elliott, Jr. New York; corresponding secretary, H. C. Wallace, Scranton, Pa.; recording secretary, J. C. Beardslee, Cleveland; treasurer, E. G. Comstock, Milwaukee.

WOMAN'S WHIST CONGRESS.

The thirteenth annual congress of the National Woman's Whist league took place in Chicago May 10-14, 1910. The Washington trophy was won by the Chicago Woman's Whist club, and the Cavendish trophy by the Clover club of Chicago. The Philadelphia cup went to the Omaha Woman's Whist club; the Boston trophy to Mrs. O. S. Bayliss and Mrs. H. T. Fry of Chicago, Mrs. W. D. Thompson of Racine and Mrs. V. M. Meyer of Los Angeles; the St. Louis trophy to Mrs. E. E. Davidson and J. T. Rouse of Cincinnati and Mrs. C. S. Waterhouse of Boston and W. E. Trainer of Chicago; the Quaker City trophy to Mrs. W. S. Rockwell and Mrs. M. E. Capelle of the Chicago Woman's Whist club, and the Brooklyn trophy to Miss Wardwell and Mrs. C. L. Spencer of Riverside, Ill.

Miss Alice Tiffany of Baltimore, Md., is president of the Woman's Whist league and Mrs. L. C. Taylor of Chicago is corresponding secretary. The 1911 congress will be held in Baltimore, Md.

SKAT.

In the annual tournament of the North American Skat league, held in Detroit, Mich., June 11-13, 1910, the principal prize winners were:
First prize ($1,000)—G. F. Burmeister, Davenport, Iowa, 25 games, 644 points.
Second prize (Detroit trophy, automobile)—Adolph Hamm, Chicago, 21 games, 873 points.
Third prize (Chicago trophy)—Henry Schlueter, Milwaukee, spade solo against nine matadores, 110 points, total points 492.
Fourth prize (Milwaukee trophy)—Charles Cookson, Milwaukee, won 28 games, lost 3, net games 25, total points 778.
Fifth prize (Pittsburg trophy)—Paul Schmidt, Milwaukee, 19 games, 847 points.
Sixth prize ($150)—A. Lingeman, Detroit, grand turne with four, 216 points, total points 576.
Seventh prize—E. P. Silverman, Chicago, diamond solo against nine matadores, 50 points.
Officers, 1910-1911: President, F. W. Miller; secretary, W. Sieber; treasurer, Robert Roedel—all of Pittsburg, where congress will be held in 1911.

BILLIARDS.

AMATEUR 18-2 CHAMPIONSHIP.

In the annual tournament to decide the national amateur 18-2 billiard championship, held in New York, N. Y., April 4-15, 1910, Edward W. Gardner of Mont Clair, N. J., was the winner, having a clean score. The final standing of the players was:

Player.	Games won.	Games lost.	High run.	High average.	Grand average.
Gardner	6	0	74	11 4-36	10 20-238
Conklin	4	2	69	12 28-31	7 54-257
Uffenheimer	3	3	79	7 36-52	6 1-310
Poggenburg	4	2	68	16 16-24	9 100-240
Mayer	2	4	22	12 16-31	9 54-233
Douglas	1	5	48	7 23-28	5 180-263
Brown	1	5	60	8 22-32	6 239-272

PROFESSIONAL 18-2 CHAMPIONSHIP.

Willie Hoppe won the 18-2 balk-line billiard championship (professional) by defeating Harry P. Cline in New York, May 26, 1910. The score:

Hoppe—0, 0, 1, 71, 19, 2, 0, 1, 11, 84, 6, 15, 1, 15, 63, 3, 0, 0, 0, 3, 0, 6, 33, 17, 83, 32, 0, 34—500. Average, 17 24-28. High runs, 84, 83, 71.

Cline—0, 30, 0, 0, 15, 2, 0, 66, 45, 15, 0, 4, 11, 5, 6, 18, 3, 40, 52, 30, 6, 0, 36, 7, 2, 1, 0—394. Average, 14 16-27. High runs, 66, 52, 45,

PROFESSIONAL 18-1 CHAMPIONSHIP.

Willie Hoppe won the 18-1 balk-line billiard championship from George Sutton in Orchestra hall, Chicago, March 16, 1910. Score:

Hoppe—0, 3, 11, 1, 4, 1, 29, 0, 37, 1, 25, 32, 30, 3, 14, 21, 1, 3, 10, 28, 61, 11, 34, 57, 1, 16, 45, 1, 18, 2—500. Average, 16 20-30. High runs, 61, 57, 45.

Sutton—20, 31, 15, 0, 23, 7, 22, 6, 0, 0, 9, 2, 1, 0, 0, 8, 0, 3, 11, 28, 4, 5, 20, 3, 2, 1, 1, 3, 3—228. Average, 7 25-29. High run, 31.

THREE-CUSHION CHAMPIONSHIP.

Tom Hueston of St. Louis won the world's three-cushion billiard championship from Fred Eames in Denver, Col., March 14-17, 1910. The final score was: Hueston, 150; Eames, 131.

Tom Hueston was challenged by Alfred De Oro, former champion, to play for the title, and the contest took place in New York, N. Y., May 16-18, 1910. The final count was: De Oro, 150; Hueston, 114.

CLINE VS. DEMAREST.

Harry P. Cline of Philadelphia defeated Calvin Demarest of Chicago in a 1,500-point match at 18-2 balk-line billiards in Chicago Feb. 1, 2 and 3, 1910. Summary:

Cline—500, 500, 500. Total, 1,500. High runs, 122, 81, 77.

Demarest—343, 452, 582. Total, 1,377. High runs, 147, 72, 68.

HOPPE VS. MORNINGSTAR.

Willie Hoppe defeated Ora Morningstar in a 1,500-point match at 18-2 balk-line billiards in Pittsburg, Pa., Feb. 2, 3 and 4, 1910, by a total score of 1,500 to 1,032. Summary:

Hoppe—500, 500, 500. Total, 1,500. High runs, 186, 128, 126, 111. Grand average, 30.

Morningstar—312, 495, 225. Total, 1,032. High runs, 113, 84, 83, 79. Grand average, 21 45-47.

Hoppe again defeated Morningstar in a match game of 2,400 points in New York, N. Y., the contest ending Oct. 8 with a score of 2,400 to 2,222.

POOL.

CHAMPIONSHIP GAMES.

Jerome R. Keogh of Rochester, N. Y., won the title of world's champion pool player from Thomas Hueston, the titleholder, in a 600-point match in New York, N. Y., Feb. 2, 1910. The final score was: Keogh, 600; Hueston, 546.

In Rochester, N. Y., March 14-16, 1910, Keogh defeated Charles ("Cowboy") Weston in a 600-ball match. Final score: Keogh, 600; Weston, 566. In the same city, April 25-27, Keogh defeated Clarence Safford of Chicago by a score of 600 to 493.

In New York, N. Y., Sept. 7-8, Keogh and Hueston again came together for the championship, the former winning, 600 to 501.

CHESS.

INTERNATIONAL.

An international chess tourney was held in Hamburg, Germany, July 18-Aug. 6, 1910. The Austrian champion, Carl Schlechter, captured first prize with 11½ games won. The other best scores were: Duras, 11; Niewzowitsch, 10½; Spielman, 10, Marshall, 9½; Teichmann, 9½; Aleknine, 8½; Chotimirski, 8½; Forgacz, 8; Tarrasch, 8.

Dr Emanuel Lasker of New York and Carl Schlechter of Vienna played a series of ten games in Berlin, Germany, for the championship title, the last contest taking place Feb. 10, 1910. Each won one game, the other eight being drawn. Dr. Lasker therefore retained the title.

WESTERN CHAMPIONSHIP.

In the Western Chess association's championship tournament, held in Chicago Aug. 15-24, 1910, George H. Wolbrecht of St. Louis was the winner by a large margin. The final standing was as follows:

	Won.	Lost.
G. H. Wolbrecht	18	2
O. Chajes	15½	4½
L. Uedemann	15	5
C. W. Phillips	14	6
H. F. Lee	11	9
E. Schrader	10	10
Dr. Schrader	9½	10½
G. Gessner	6	14
John Winter	6	14
K. Erdeky	3	17
J. Klaasse	2	18

ARCHERY.

By Dr. Edward B. Weston, Chicago.

The National Archery association of the United States held its thirty-second annual meeting in Washington park, Chicago, Aug. 16, 17, 18 and 19, 1910. H. B. Richardson of Boston broke the American record for the double York round, scoring 1,111. This score was never but once beaten at the national meeting in England. In 1857 H. A. Ford made 1,251, which is still the world's record. The leading scores:

DOUBLE YORK ROUND.

	Hits.	Score.
H. B. Richardson, Boston	231	1,111
H. S. Taylor, Chicago	193	843
W. H. Thompson, Seattle	166	734
W. H. Wills, Chicago	175	731
H. L. Walker, Chicago	144	588
F. E. Canfield, Chicago	127	511
G. F. Henry, Des Moines	101	431

DOUBLE AMERICAN ROUND.

H. B. Richardson, Boston	177	1,059
W. H. Wills, Chicago	171	1,033
H. S. Taylor, Chicago	176	956
W. H. Thompson, Seattle	171	903
G. F. Henry, Des Moines	159	867
F. E. Canfield, Chicago	158	834
W. A. Clark, Cincinnati	162	824

DOUBLE NATIONAL ROUND.

Miss J. V. Sullivan, Chicago	115	629
Mrs. A. Barbe, Chicago	95	455
Miss E. B. Spalding, Chicago	90	434
Miss L. M. Witwer, Chicago	92	388
Mrs. J. W. Turner, Des Moines	79	335
Mrs. A. G. Cox, Chicago	63	249
Miss M. C. Williams, Chicago	49	221

DOUBLE COLUMBIA ROUND.

Miss L. M. Witwer, Chicago	127	733
Miss J. V. Sullivan, Chicago	127	709
Mrs. A. Barbe, Chicago	113	661
Mrs. J. W. Turner, Des Moines	121	605
Miss E. B. Spalding, Chicago	120	566
Mrs. A. G. Cox, Chicago	99	489
Mrs. M. MacNeill, Jr., Chicago	107	479

TEAM ROUNDS.

Chicago archers, men	330	1,506
Chicago archers, women	315	1,517

Chicago was chosen for the 1911 meeting and the following officers and executive committee elected: President, Dr. Carver Williams, Chicago; first vice-president George F. Henry, Des Moines; second vice-president, H. B. Richardson, Boston; third vice-president, A. Rankin Clark, Cincinnati; secretary, Miss J. V. Sullivan, Chicago; treasurer, H. L. Walker, Chicago; H. S. Taylor, Chicago; H. W. Bishop, Chicago; W. H. Wills, Chicago;

BASKET BALL.

COLLEGE CHAMPIONSHIPS.

The University of Chicago team won the western intercollegiate basket ball championship in 1910 for the third successive time. The decisive game was played with Minnesota in Bartlett gymnasium, Chicago, March 12, and it resulted in a score of 18 to 15 in favor of Chicago. The members of the victorious team were Page, Clark, Sauer, Edwards and Hoffman. The race was a close one, the percentage of games won by the two leaders being .750 for Chicago and .667 for Minnesota.

Beloit won the minor college basket-ball championship of Wisconsin and Illinois in 1910 by defeating Lake Forest March 12 by a score of 27 to 24.

A. A. U. CHAMPIONSHIP.

The National American Athletic union basket-ball championship was won by company F of Portage, Wis., in a series of games played in the First Regiment armory, Chicago, March 17-19, 1910. Premiere lodge of St. Louis was second and St. John's military academy of Delafield, Wis., third. The final game between company F and Premiere lodge was won by the Wisconsin five with a score of 36 to 14.

SKI JUMPING.

The annual national ski tournament of the United States took place at Coleraine, Minn., Feb. 19-20, 1910. In the amateur class Barney Riley of Coleraine was first with 263⅜ points, and Andrew Schencke of Chicago second with 255 points. Riley's longest standing jump was 119 feet. In the professional class Anders Haugen of Chippewa Falls, Wis., was first with 271 points, and Oscar Gunderson of the same place second with 265⅞ points. Score of professional events:

Name and town.	1st jump.	2d jump.	Points.
Anders Haugen, Chippewa Falls	125	116	271
Oscar Gunderson, Chippewa Falls	118	117	265⅞
Ole Feiring, Duluth	117	115	263⅜
Ole Mangseth, Coleraine	114	115	261⅞
Tell of Hemmestvedt, Eau Claire	107	112	261
Lars Haugen, Chippewa Falls	116	114	260⅜
John Evenson, Duluth	115	114	259⅛
A. Melgaard, Hibbing	109	112	250
Knute Helland, Chippewa Falls	109	110	248
George Thompson, Red Wing	110	103	242⅜
Martin Iverson, Minneapolis	106	106	241⅞
Olaf Larson, Duluth	112	99	241

Longest standing jump—Anders Haugen, 117 feet.

Twin jump—Ole Feiring and Elling Diesen of Duluth, 89 feet.

Barrel stave jump—By B. Hanson, 78 feet.

The next annual tournament of the National Ski association will be held at Chippewa Falls, Wis. Following are the officers of the association: President, Dr. C. H. Mason, Superior, Wis.; treasurer, H. R. Beebe, Utica, N. Y.; secretary, Axel Hollen, Ishpeming, Mich.

RACKETS.

Quincy A. Shaw of Boston won the national amateur racket championship in Boston, Mass., Feb. 22, 1910, by defeating Reginald Fincke of New York in the final round. Score: Shaw, 17-14, 15-2. 15-2; Fincke, 15-2. Championship record:

1901—Quincy A. Shaw, Boston.
1902—C. H. Mackay, New York.
1903—Payne Whitney, New York.
1904—George A. Brooke, Philadelphia.
1905—Lawrence Waterbury, New York.
1906—Percy D. Houghton, Boston.
1907—Reginald R. Fincke, New York.
1908—Quincy A. Shaw, Boston.
1909—Harold F. McCormick, Chicago.
1910—Quincy A. Shaw, Boston.

ROLLER SKATING.

ONE-MILE CHAMPIONSHIP.

Harley Davidson, by defeating Joseph Altman at the New rink in Cincinnati, O., March 12, 1910, retained the world's 1-mile championship in roller skating. His time was 2:49⅕. Besides the Billboard cup he won a purse of $1,000.

OFFICIAL AMATEUR AND PROFESSIONAL RECORDS.

[Compiled by Al Flath.]

AMATEUR.

Distance.	By.	Rink.	Time.
½ mile	William Robinson,	Riverview, Chicago.	1:15
1 mile	William Robinson,	Riverview, Chicago.	2:34⅘
2 miles	William Robinson,	Riverview, Chicago.	5:12⅘

PROFESSIONAL.

Distance.	By.	Rink.	Time.
¼ mile	Allie Moore	Riverview, Chicago.	:37
½ mile	No official record		
1 mile	C. Hamilton	Riverview, Chicago.	2:27⅘
2 miles	John Flannery	Riverview, Chicago.	5:04
3 miles	Allie Moore	Riverview, Chicago.	7:55⅘
5 miles	Allie Moore	Exposit'n, Pittsb'g.	12:07⅘

ROQUE.

The annual tournament of the National Roque association took place in Norwich, Conn., Aug. 16-22, 1910. The championship in the first division was won by the holder of the title, Harold Bosworth of New London, and the honors in the second division were taken by J. Felton of Philadelphia. The Van Winkle medal was won by C. C. King of Chicago.

POLO.

Ranelagh, an English team, won the open championship polo cup at Narragansett Pier, R. I., Aug. 27, 1910, defeating the Perroquets, 7¾ to 3¾.

The junior national polo championship of America was won by the Myopia second team at Narragansett Pier, R. I., July 30, the team defeating Bryn Mawr by a score of 7¼ to 6½.

CHECKERS.

Newell Banks of Detroit won the checker championship of America, March 7, 1910, by defeating Hugh Henderson of Pittsburg in Toledo, O. The games began Feb. 21. Banks won 4, Henderson 3 and 43 were drawn.

IRRIGATED AREAS IN THE UNITED STATES.

Region.	Farms.	Acres.	Cost.
Arid states and ter's.	152,000	9,700,000	$125,000,000
Semiarid states and territories	7,800	425,000	5,600,000
Rice states	7,400	875,000	17,600,000
Total	167,200	11,000,000	148,200,000

Note—The above figures are for 1907.

IRRIGATION PROJECTS (JAN. 1, 1910).

Location and name.	Acres.	Cost.
Arizona—Salt river	240,000	$8,640,000
Arizona and California—Yuma	90,160	5,000,000
California—Orland	14,000	620,000
Colorado—Grand valley	53,000	2,865,000
Uncompahgre	140,000	7,000,000
Idaho—Minidoka	132,000	3,011,000
Payette-Boise	348,000	15,800,000
Kansas—Garden City	10,600	375,000
Montana—Huntley	28,920	900,000
Milk river	215,000	6,450,000
St. Mary	100,000	.....
Sun river	276,000	8,280,000
Location and name.	Acres.	Cost.
Montana and North Dakota—Lower Yellowstone	64,600	2,805,000
Nebraska and Wyoming—North Platte	124,000	5,280,000
Nevada—Truckee-Carson	200,000	6,380,000
New Mexico—Carlsbad	20,000	670,000
Hondo	10,000	343,000
Leasburg	20,000	200,000
New Mexico and Texas—Rio Grande	180,000	9,000,000
N. Dakota—N. Dakota pumping	23,150	880,000
Oregon—Umatilla	20,440	1,200,000
Oregon and California—Klamath	172,000	4,860,000
South Dakota—Belle Fourche	102,000	3,000,000
Utah—Strawberry valley	60,000	2,063,000
Washington—Okanogan	10,000	558,000
Sunnyside unit	109,000	5,100,000
Tieton unit	36,000	2,400,000
Wyoming—Shoshone	132,000	6,750,000
Total	2,921,870	110,430,000

ATTEMPT TO ASSASSINATE MAYOR GAYNOR.

Mayor William J. Gaynor of New York was shot and seriously wounded on the morning of Aug. 9, 1910, just after he had boarded the Kaiser Wilhelm steamship to sail for Europe. His assailant was James J. Gallagher, a dismissed city dock watchman. Approaching the mayor, who was standing talking with a group of friends, Gallagher drew a revolver and fired three shots at the executive. Only one took effect, the bullet entering at the back of the neck and lodging in the vault of the pharynx. The mayor was hurried to a hospital, where for several days his condition was regarded as extremely critical. He finally recovered, however, and left the hospital in September. Gallagher, who claimed that Judge Gaynor had "taken away his bread and butter," was arrested immediately after the shooting.

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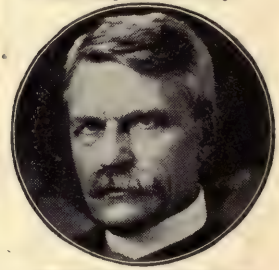

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The National Government.

Corrected to Dec. 20, 1910.

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United States District Marshal—Aulick Palmer (D. C.)..... 6,000

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Secretary to Secretary of War—Walter R. Pedigo (Va.)..... 2,500
Assistant and Chief Clerk—John C. Scofield.. 4,000

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Secretary—Capt. Fred W. Sladen.
Assistant to Chief of Staff— — — ———.
Chief of Artillery—Brig.-Gen. Arthur Murray.
Chief Clerk—N. Hershler.

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Chief Clerk—Jacob Frech.

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Chief Clerk—John D. Parker.

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Chief Clerk and Solicitor—Lewis W. Call.

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QUARTERMASTER'S DEPARTMENT.

Quartermaster-General—Brig.-Gen. James B. Aleshire.

Assistants—Col. George Ruhlen, Maj. David S. Stanley, Maj. Arthur W. Yates, Maj. William E. Horton, Maj. B. Frank Cheatham, Capt. Elmer W. Clark, Capt. Bertram T. Clayton, Capt. Archibald W. Butt, Capt. Edward T. Hartmann, Capt. Casper H. Conrad, Jr., Capt. Alexander E. Williams, Capt. John R. R. Hannay, Capt. Charles F. Humphrey, Jr., Capt. Frank B. Edwards, Capt. Richard C. Marshall, Jr.; Capt. Henry L. Pettus, in charge depot and construction work.
Chief Clerk—Henry D. Saxton.

MEDICAL DEPARTMENT.

Surgeon-General—Brig.-Gen. George H. Torney.
Assistants—Lieut.-Col. Walter D. McCaw, Maj. Merritt W. Ireland, Col. Louis A. LaGarde, Lieut.-Col. Henry P. Birmingham, Lieut.-Col. Jefferson R. Kean, Maj. Francis A. Winter, Capt. Charles F. Craig, Capt. Albert G. Love, Maj. Charles Lynch, Capt. Frederick F. Russell.
Chief Clerk—John Wilson.

PAY DEPARTMENT.

Paymaster-General—Brig.-Gen. Charles H. Whipple.
Assistant—Lieut.-Col. George F. Downey.
Chief Clerk—Royall O. Kloeber.

SIGNAL OFFICE.

Chief Signal Officer—Brig.-Gen. James Allen.
Assistants—Maj. George O. Squier, Maj. C. McK. Saltzman, Capt. Reynolds J. Burt, First Lieut. Dawson Olmstead.
Disbursing Officer—Capt. Arthur S. Cowan.
Chief Clerk—Herbert S. Flynn.

CORPS OF ENGINEERS.

Chief of Engineers—Brig.-Gen. William H. Bixby.
Assistants—Lieut.-Col. Edward Burr, Maj. J. B. Cavanaugh, Maj. William B. Ladue, Capt. E. N. Johnston, Lieut. Charles K. Rockwell.
Chief Clerk—P. J. Dempsey.

PUBLIC BUILDINGS AND GROUNDS.

Officer in Charge—Col. Spencer Cosby.

ORDNANCE DEPARTMENT.

Chief of Ordnance—Brig.-Gen. William Crozier.
Assistants—Lieut.-Col. John T. Thompson, Lieut.-Col. W. S. Peirce, Maj. J. H. Rice, Maj. E. P. O'Hern, Capt. J. C. Nicholls, Capt. L. T. Hillman, Capt. G. H. Stewart, Capt. B. O. Mahaffey.
Chief Clerk—John J. Cook.

BUREAU OF INSULAR AFFAIRS.

Chief of Bureau—Brig.-Gen. Clarence R. Edwards.
Assistants—Maj. Frank McIntyre, Maj. George H. Shelton, Capt. Graham L. Johnson.
Chief Clerk—Adolphus D. Wilcox.
Law Officer—Paul Charlton.

NAVY DEPARTMENT.

Secretary—George Von L. Meyer (Mass.).....$12,000
Asst. Secretary—Beekman Winthrop (N. Y.). 5,000
Aids—Rear-Admirals W. P. Potter and Aaron Ward, Capt. Frank P. Fletcher, Philip Andrews.

OFFICE OF ADMIRAL OF THE NAVY.

Admiral of the Navy—George Dewey.
Aid—Lieutenant-Commander Henry V. Butler.
Secretary—Lieut. Leonard G. Hoffman.

GENERAL BOARD.

President, Admiral George Dewey; Rear-Admiral Raymond P. Rodgers, Rear-Admiral Richard Wainwright, Capt. Thomas B. Howard, Commander William J. Maxwell, Lieutenant-Commander Henry V. Butler, Capt. Bradley A. Fiske, Capt. Frank F. Fletcher, Capt. Templin M. Potts; Commander Spencer S. Wood, secretary.

ARMY AND NAVY JOINT BOARD.

President, Admiral George Dewey; Rear-Admiral Richard Wainwright, Capt. Templin M. Potts.

NAVAL WAR COLLEGE, NEWPORT, R. I.

President, Rear-Admiral Raymond P. Rodgers. Staff: Capt. James H. Oliver, Commanders N. A. McCully, Frank Marble; Lieutenant-Commanders Carl T. Vogelsang, Walter S. Turpin; Major of Marines Robert H. Dunlap; Captain of Marines John H. A. Day.

BUREAU OF YARDS AND DOCKS.

Chief Civil Engineer—R. C. Holllyday.
Civil Engineers—C. A. Carlson, U. S. G. White, L. M. Cox, J. S. Shultz, Paul L. Reed, F. H. Cooke.

BUREAU OF NAVIGATION.

Chief, Rear-Admiral Reginald F. Nicholson; assistant, Commander Henry B. Wilson; Commanders Thomas Washington, Lloyd H. Chandler, Henry A. Wiley; Lieutenant-Commanders S. P. Fullinwider, W. R. Sexton and W. K. Harrison.

BUREAU OF ORDNANCE.

Chief, Rear-Admiral N. E. Mason; assistants, Commanders Edward E. Capedart, A. L. Norton; Lieutenant-Commanders Frank B. Upham, Robert W. McNeely, R. D. Hasbrouck, O. P. Jackson; Lieuts. W. L. Pryor and Byron A. Long.

BUREAU OF CONSTRUCTION AND REPAIR.

Chief Constructor—Richard M. Watt.
Naval Constructors—J. H. Linnard, D. W. Taylor, D. C. Nutting, Jr., S. F. Smith, H. Williams, R. H. Robinson, W. McEntee and Capt. William F. Halsey.
Assistant Naval Constructors—Lewis B. McBride and George S. Radford.

BUREAU OF STEAM ENGINEERING.

Engineer-in-chief, Hutch I. Cone; assistant, Commander Robert S. Griffin; Commanders William W. White (retired), Charles W. Dyson, S. S. Robison, L. A. Kaiser; Lieutenant-Commanders J. K. Robison, U. T. Holmes, R. C. Moody, D. W. Todd, John Halligan, Jr.; Lieuts. S. I. M. Major, R. Henderson, C. E. Courtney, H. L. Wyman.

BUREAU OF SUPPLIES AND ACCOUNTS.

Chief, Paymaster-General T. J. Cowie; assistant, Pay Inspector George W. Simpson; Paymasters David Potter, C. J. Peoples, T. W. Leutze, D. M. Addison, John D. Robnett, F. G. Pyne, J. S. Higgins, S. E. Barber, D. C. Crowell; Passed Assistant Paymaster R. W. Schumann.

BUREAU OF MEDICINE AND SURGERY.

Chief, Surgeon-General Charles F. Stokes; assistant, Surgeon W. C. Braisted; Surgeons A. W. Dunbar, T. W. Richards, J. C. Pryor; Pharmacists Paul J. Waldner, C. E. Alexander and Oscar G. Ruge.

OFFICE OF THE JUDGE-ADVOCATE GENERAL.

Judge-advocate general of the navy, Capt. Robert L. Russell; Commanders W. O. Hulme and B. W. Wells, Lieutenant-Commander E. R. Pallock, Captain of Marines A. E. Harding and First Lieutenants of Marines Arthur P. Crist and Jesse F. Dyer.

OFFICE OF NAVAL INTELLIGENCE.

Chief, Capt. Templin M. Potts; Lieutenant-Commanders H. H. Whittlesey (retired), P. Symington, John V. Klemann and H. H. Hough, Lieut. William N. Jeffers, Major of Marines Dion Williams.

HYDROGRAPHIC OFFICE.

Hydrographer, Capt. John J. Knapp; Commander Harry Kimmell (retired).

NAVAL EXAMINING BOARD.

President, Rear-Admiral Conway H. Arnold; Rear-Admiral Kossuth Niles, Capts. W. M. Parks and W. B. Caperton.

NAVAL MEDICAL EXAMINING BOARD.

Medical Directors—Paul Fitzsimmons, president; D. N. Bertolette, Frank Anderson.

NAVAL RETIRING BOARD.

President, Rear-Admiral Conway H. Arnold; Rear-Admiral Kossuth Niles, Capt. W. B. Caperton, medical directors, Paul Fitzsimmons and John C. Boyd.

NAVAL OBSERVATORY.

Superintendent, Capt. Ten Eyck D. W. Veeder; Commander E. E. Hayden.
Professors of Mathematics—M. Updegraff, W. S. Eichelberger, F. B. Littell, Asaph Hall and Guy K. Calhoun.

BOARD OF INSPECTION AND SURVEY FOR SHIPS.

President, Rear-Admiral Chauncey Thomas; Commanders William S. Smith, Thomas Snowden; Naval Constructor R. Stocker, Commander Charles F. Hughes (recorder).

UNITED STATES NAVAL MEDICAL SCHOOL.

Medical director, Henry G. Beyer, commanding; Lieutenant-Commander D. L. Wilson (retired);

Surgeons C. St. C. Butler, E. M. Shipp, R. Spear, C. N. Fiske; Passed Assistant Surgeons O. J. Mink, F. M. Shook, Heber Butts, Philip E. Garrison; Pharmacist E. R. Noyes.

NAVAL DISPENSARY.

Surgeon A. W. Dunbar, commanding; Surgeon G. F. Freeman, Passed Assistant Surgeon John L. Nielson.

GENERAL INSPECTORS OF PAY CORPS

Pay Director—John R. Martin.
Pay Inspector—Walter B. Izard.

HEADQUARTERS MARINE CORPS.

Major-General Commandant—George F. Elliott.
Aids—Capts. D. P. Hall and Charles H. Lyman.
Adjutant and Inspector—Lieut.-Col. Henry C. Haines.
Assistant Adjutant and Inspector—Maj. David D. Porter.
Quartermaster—Lieut.-Col. Charles L. McCauley.
Assistant Quartermasters—Maj. W. B. Lemley, Capt. H. L. Matthews.
Paymaster—Col. George Richards.
Assistant Paymaster—Maj. Harold C. Reisinger.

DEPARTMENT OF COMMERCE AND LABOR.

Secretary—Charles Nagel (Mo.).....$12,000
Assistant Secretary—Benjamin S. Cable (Ill.) 5,000
Chief Clerk—Robert M. Pindell, Jr. (Md.).... 3,000

BUREAU OF MANUFACTURES.

Chief—Albertus H. Baldwin (Conn.)..... 4,000
Assistant Chief—Edgar J. Gibson (N. Y.).... 2,500

BUREAU OF CORPORATIONS.

Commissioner—Herbert Knox Smith (Conn.).. 5,000
Deputy Commissioner—Luther Conant, Jr. (N. Y.)..... 3,500

BUREAU OF LABOR.

Commissioner—Charles P. Neill (D. C.)..... 5,000
Chief Statistician and Chief Clerk—G. W. W. Hanger (Miss.)..... 3,000

BUREAU OF LIGHTHOUSES.

Commissioner—G. R. Putnam (Iowa)..... 5,000
Deputy Commissioner—Arthur V. Conover (N. J.)..... 4,000

BUREAU OF CENSUS.

Director—Edward Dana Durand (Cal.)..... 7,000
Assistant Director—William F. Willoughby (D. C.)..... 5,000
Chief Clerk—Voler V. Viles (Mo.)..... 3,000

COAST AND GEODETIC SURVEY.

Superintendent—O. H. Tittmann (Mo.)..... 6,000
Assistant—F. W. Perkins (N. J.)..... 4,000

BUREAU OF STATISTICS.

Chief—Oscar P. Austin (D. C.)..... 4,000
Chief Clerk—Gustavus A. Weber (Mo.)..... 2,250

STEAMBOAT-INSPECTION SERVICE.

Supervising Inspector-General—George Uhler (Pa.)..... 4,000
Chief Clerk—Dickerson N. Hoover, Jr., (D. C.) 2,000

BUREAU OF FISHERIES.

Commissioner—George M. Bowers (W. Va.).. 6,000
Deputy Commissioner—H. M. Smith (D. C.).. 3,000

BUREAU OF NAVIGATION.

Commissioner—E. T. Chamberlain (N. Y.).... 4,000
Deputy Commissioner—Arthur J. Tyrer (Wash.) 2,400

BUREAU OF IMMIGRATION AND NATURALIZATION.

Commissioner-General—Dan J. Keefe (Mich.) 5,000
Assistant Commissioner—Gen. F. H. Larned (Md.) 3,500

BUREAU OF STANDARDS.

Director—S. W. Stratton (Ill.)..... 5,000
Secretary—H. D. Hubbard (Ill.)..... 2,200

POSTOFFICE DEPARTMENT.

Postmaster-Gen'l—F. H. Hitchcock (Mass.)..$12,000
Chief Clerk and Superintendent—Theodore L. Weed (Conn.)..... 3,000
Private Secretary to Postmaster-General—George W. Reik (Md.)..... 2,500
Assistant to Chief Clerk—Arthur L. Davis (Ill.) 2,000
Assistant Attorney-General for the P. O. D. —Russell P. Goodwin (Ill.)..... 5,000
Assistant Attorney—Paul N. Keyser (Iowa). 2,750
Purchasing Agent—John A. Holmes (D. C.).. 4,000
Chief Clerk to Purchasing Agent—William L. K. Barrett (Md.)..... 2,000
Chief Postoffice Inspector—Robert S. Sharp (Tenn.) 4,000
Chief Clerk, Division Postoffice Inspectors—(Vacancy) $2,000
Appointment Clerk—George S. Paull (O.).... 2,000
Disbursing Clerk—William M. Mooney (O.).. 2,250

OFFICE FIRST ASSISTANT POSTMASTER-GENERAL.

First Assistant Postmaster-General—Charles P. Grandfield (Mo.)..... 5,000
Chief Clerk—E. T. Bushnell (Conn.)..... 2,500
Superintendent of Salaries and Allowances—Ervin H. Thorp (Vt.)..... 4,000
Assistant Superintendent of Salaries and Allowances—Charles H. Trotter (W. Va.)..... 2,250
Superintendent Division Appointments—Bayard Wyman (Mich.)..... 3,000
Assistants Division Appointments—C. P. Dickey (O.), E. W. Ford (N. Y.)..... 2,000
Superintendent City Free-Delivery Service—W. R. Spilman (Kas.)..... 3,000
Assistant Superintendent City Free-Delivery Service—D. W. Duncan (Pa.)..... 2,000

OFFICE SECOND ASSISTANT POSTMASTER-GENERAL.

Second Assistant Postmaster-General—Joseph Stewart (Mo.)..... 5,000
Chief Clerk—John H. Holyday (O)..... 2,500
Superintendent of Railway Adjustments—Clyde M. Reed (Kas.)..... 3,000
Assistant Superintendent of Railway Adjustments and Law Clerk—C. H. McBride (N. Y.) 2,250
Chief Division of Inspection—James B. Cook (Md.) 2,000
Chief Division of Contracts—E. P. Rhoderick (Ill.) 2,000
Chief Division Mail Equipment—Thomas P. Graham (N. Y.)..... 2,000
General Superintendent Railway Mail Service—Alexander Grant (Mich.)..... 4,000
Assistant General Superintendent Railway Mail Service—George F. Stone (N. Y.)..... 3,500
Chief Clerk Railway Mail Service—A. A. Fisher (Vt.)..... 2,000
Superintend't Foreign Mails—Basil Miles (Pa.) 3,000
Assistant Superintendent Foreign Mails—Edwin Sands (N. Y.)..... 2,500
Chief Clerk Foreign Mails—R. L. Maddox (Ky.) 2,000

OFFICE THIRD ASSISTANT POSTMASTER-GENERAL.

Third Assistant Postmaster-General—Abraham L. Lawshe (Ind.)..... 5,000
Chief Clerk—Arthur M. Travers (Mich.)..... 2,500
Superintendent of Money-Order Division—Edward F. Kimball (Mass.)..... 3,500
Chief Clerk of Money-Order Division—Frank H. Rainey (D. C.)..... 2,250
Superintendent Registry System—Clarence H. Buckler (Md.)..... 2,500
Superintendent Division of Finance—Harry H. Thompson (N. J.)..... 2,250
Superintendent Division of Stamps—William C. Fitch (N. Y.)..... 2,500
Superintendent Classification Division—Harwood M. Bacon (Mich.)..... 2,750
Chief Redemption Division—Edward McCauley (D. C.)..... 2,000
Postal Card Agent—Maj. W. P. Zantzinger (D. C.)..... 2,500
Stamped Envelope Agent—William W. Barre (Neb.) 2,500

OFFICE FOURTH ASSISTANT POSTMASTER-GENERAL.

Fourth Assistant Postmaster-General—P. V. DeGraw (Pa.)..... 5,000
Chief Clerk—George L. Wood (Md.)..... 2,500
Superintendent Rural Free-Delivery Service—Theodore Ingalls (Ky.)..... 3,000
Superintendent of Postoffice Supplies—George G. Thomson (Mich.)..... 2,500
Superintendent Dead-Letter Office—James R. Young (Pa.)..... 2,750
Chief Clerk Dead-Letter Office—Charles N. Dalzell (N. Y.)..... 1,800
Topographer—A. von Haake (N. Y.)..... 2,750

OFFICE OF AUDITOR FOR POSTOFFICE DEPARTMENT.

Auditor—M. O. Chance (Ill.)..... 4,000
Deputy Auditor—Charles H. Keating (O.).... 2,500
Law Clerk—Charles A. Kram (Pa.)..... 2,500
Chief Division of Postmasters' Accounts—T. H. Sweeney (Minn.)..... 2,000
Chief Division of Warrant Payments—D. N. Burbank (N. Y.)..... 2,000

Chief Division of Money-Order Auditing—W. H. Wanamaker (Minn.) 2,000
Chief Division of Money-Order Assorting—Charles F. Cummins (Va.) 2,000

DEPARTMENT OF JUSTICE.

Attorney-General—G. W. Wickersham (N. Y.) $12,000
Secretary to Attorney-General—Frank Cole, (N. Y.) 3,000
Solicitor-General—(Vacancy) 7,500
Assistant to Attorney-General—William S. Kenyon (Iowa) 7,000
Assistant Attorney-General—James A. Fowler (Tenn.) 5,000
Assistant Attorney-General—John G. Thompson (Ill.) 5,000
Assistant Attorney-General—John Q. Thompson (Kas.) 5,000
Assistant Attorney-General—William R. Harr (D. C.) 5,000
Assistant Attorney-General (Department of Interior)—Oscar Lawler (Cal.) 5,000
Assistant Attorney-General—Winfred T. Denison (N. Y.) 5,000
Assistant Attorney-General (Spanish Treaty Claims Commission)—Wm. W. Brown (Pa.) 5,000
Solicitor for Department of State—J. Reuben Clark, Jr. (Utah) 4,500
Attorney in Charge of Titles—Reeves T. Strickland (N. Y.) 2,700
Chief Clerk and Superintendent of Building—Orin J. Field (Kas.) 3,000
Disbursing Clerk—James H. Mackey (Col.) 2,750
Appointment Clerk—Chas. B. Sornborger (Vt.) 2,000
Attorney in Charge of Pardons—James A. Finch (N. Y.) 2,750
Solicitor of Treasury (Treasury Department)—William T. Thompson (Neb.) 5,000
Assistant Solicitor—Felix A. Reeve (Tenn.). 3,000
Chief Clerk Solicitor's Office (Treasury Department)—Charles E. Vrooman (Iowa) 2,000
Solicitor (Department Commerce and Labor)—Charles Earl (Md.) 5,000
Assistant Attorney-General (Postoffice Department)—Russell P. Goodwin (Ill.) 5,000
Solicitor Internal Revenue—Fletcher Maddox (Mont.) 4,500
Superintendent of Prisons and Prisoners—Robert V. LaDow (N. Y.) 3,000
Chief Examiner—Stanley W. Finch (N. Y.) 2,750
Chief of Division of Accounts—John J. Glover (O.) 2,500

INTERIOR DEPARTMENT.

Secretary—Richard A. Ballinger (Wash) $12,000
First Assistant Secret'y—Frank Pierce (Utah) 5,000
Assistant Secretary—Jesse E. Wilson (Ind.). 4.500
Chief Clerk—Clement S. Ucker (O.) 3,000
Assistant Attorney-General—Oscar Lawler (Cal.) 5,000

GENERAL LAND OFFICE.

Commissioner—Fred Dennett (N. D.) 5,000
Asst. Commissioner—Samuel V. Proudfit (Ia.) 3.500
Chief Clerk—Frank Bond (Wyo.) 2,500

OFFICE OF INDIAN AFFAIRS.

Commissioner—Robert G. Valentine (Mass.).. 5,000
Asst. Commissioner—Fred H. Abbott (Neb.).. 3,000
Second Assistant Commissioner—Charles M. Hauke (Wash.) 2,250

PENSION OFFICE.

Commissioner—James L. Davenport (N. H.).. 5,000
First Deputy Commissioner—Leander Stillwell (Kas.) 3,600
Second Deputy Commissioner—Leverett M. Kelley (Ill.) 3,600
Chief Clerk—Charles C. Stouffer (Pa.) 2,500
Medical Referee—Charles F. Whitney (Ill.)... 3,000

PATENT OFFICE.

Commissioner—Edward B. Moore (Mich.) 5,000
First Assistant Commissioner—Cornelius C. Billings (Vt.) $4,500
Assistant Commissioner—Frederick A. Tennant (N. Y.) 3,500
Chief Clerk—William F. Woolard (Ill.) 3,000

BUREAU OF EDUCATION.

Commissioner—Elmer E. Brown (Cal.) 5,000
Chief Clerk—Lewis A. Kalbach (Pa.) 2,000

GEOLOGICAL SURVEY.

Director—George Otis Smith (Me.) 6,000
Chief Clerk—Henry C. Rizer (Kas.) 2,500

RECLAMATION SERVICE.

Director—Frederick H. Newell (Pa.) 7,500
Chief Engineer—Arthur P. Davis (Kas.) 6,000
Chief Clerk—Edwin G. Paul (Pa.) 2,400

BUREAU OF MINES.

Director—Joseph A. Holmes (N. C.) 6,000
Chief Clerk—Van H. Manning (Miss.) 2,500

DEPARTMENT OF AGRICULTURE.

Secretary—James Wilson (Iowa) $12,000
Assistant Secretary—W. M. Hayes (Minn.)... 5,000
Solicitor—George P. McCabe (Utah) 4,500
Chief Clerk—(Vacancy) 3,000
Appointment Clerk—J. B. Bennett (Wis.) 2,000
Private Secretary to Secretary of Agriculture—Jasper Wilson (Iowa) 2,500
Chief of Weather Bureau—W. L. Moore (Ill.) 6,000
Chief of Bureau of Animal Industry—Alonzo D. Melvin (Ill.) 5,000
Statistician—Victor H. Olmsted (N. C.) 3,500
Statistical Scientist in Charge of Investigations of Production and Distribution—George K. Holmes (Mass.) 3,000
Chemist—H. W. Wiley (Ind.) 5,000
Entomologist—L. O. Howard (N. Y.) 4,000
Chief of Biological Survey—F. W. Henshaw (Mass.) 3,000
Chief of Forest Service—Henry G. Graves (Conn.) 5,000
Chief of Bureau of Soils—Milton Whitney (Md.) 3,500
Director Office of Experiment Stations—A. C. True (Conn.) 4,000
Chief Division of Accounts and Disbursements—A. Zappone (D. C.) 3,250
Editor—Joseph A. Arnold (Ind.) 3,000
Chief Bureau of Plant Industry (in charge of Seed Distribution)—B. T. Galloway (Mo.).. 5,000
Botanist—F. D. Coville (N. Y.) 3,240
Pomologist—G. B. Brackett (Iowa) 3,000
Agriculturist—William J. Spillman (Wash.).. 3,750
Director of Public Roads—L. W. Page (Mass.) 3,000

INDEPENDENT BUREAUS.

GOVERNMENT PRINTING OFFICE.

Public Printer—S. B. Donnelly (N. Y.) $5,500
Deputy Public Printer—Henry T. Brian (Md.) 4,500
Superintendent of Work—John R. Berg (Neb.) 3,600
Supt. of Documents—August Donath (Pa.)... 3,000
Purchasing Agent—Edward S. Moores (Wis.). 3,600

UNITED STATES CIVIL-SERVICE COMMISSION.

Commissioners—John C. Black (Ill.), president ($4,500); John A. McIlhenny (La.), William S. Washburn (N. Y.) 4,000
Chief Examiner—George R. Wales (Vt.) 3,000
Secretary—John T. Doyle (N. Y.) 2,500

INTERSTATE-COMMERCE COMMISSION.

Chairman—Martin A. Knapp (N. Y.) 10,000
Judson C. Clements (Ga.) 10,000
Charles A. Prouty (Vt.) 10,000
Francis M. Cockrell (Mo.) 10,000
Franklin K. Lane (Cal.) 10,000
Edgar E. Clark (Iowa) 10,000
James S. Harlan (Ill.) 10,000
Secretary—Edward A. Moseley (Mass.) 5,000

UNITED STATES COINAGE MINTS AND ASSAY OFFICES.

Coinage mints of the United States are located in Philadelphia, Pa.; New Orleans, La.; San Francisco, Cal., and Denver, Col. The government assay offices are in New York, N. Y.; Carson, Nev.; Denver, Col.; Boise, Idaho; Helena, Mont.; Charlotte, N. C.; St. Louis, Mo.; Deadwood, S. D.; Seattle, Wash., and Salt Lake City, Utah. The mint in Philadelphia was established in 1792 and the others as follows: New Orleans, 1838; San Francisco, 1852, and Denver, 1904.

The Federal Judiciary.

SUPREME COURT.

Chief Justice—Edward D. White, Louisiana....1894
Associate Justices—John M. Harlan, Kentucky..1877
Joseph R. Lamar, Georgia.....1910
Joseph McKenna, California.....1898
Oliver W. Holmes, Massachusetts.....1902
William R. Day, Ohio.....1903
Horace H. Lurton, Tennessee.....1909
Charles E. Hughes, New York.....1910
Willis Van Devanter, Wyoming.....1910
Clerk—J. H. McKenney, District of Columbia...1880
Marshal—J. M. Wright, Kentucky.....1883
Reporter—C. H. Butler, New York.....1902
Salaries: Chief justice, $13,000; justices, $12,000; clerk, $6,000; marshal, $3,500; reporter, $4,500.

COURT OF CLAIMS.

Salaries of judges, $6,000 each; chief justice, $6,500.
Chief Justice—S. J. Peelle, Indiana, 1906.
Judges—Fenton W. Booth, Illinois.....1905
Samuel S. Barney, Wisconsin.....1906
C. B. Howry, Mississippi.....1897
George W. Atkinson, West Virginia.....1905

COURT OF CUSTOMS APPEALS.

(Acts of Aug. 5, 1909, and Feb. 25, 1910.)
Presiding Judge—Robert M. Montgomery, Mich..1910
Associate Judges—William H. Hunt, Montana..1910
James F. Smith, California.....1910
Orion M. Barber, Vermont.....1910
Marion De Vries, California.....1910
Marshal—John R. Elder, Ohio.....1910
Clerk—Arthur B. Shelton, Dist. of Columbia...1910
Salaries: Judges, $7,000 each; marshal, $3,000; clerk, $3,500.

CIRCUIT COURTS OF APPEALS.

FIRST CIRCUIT—Judges: Mr. Justice Oliver W. Holmes; circuit judges, Le Baron B. Colt, W. L. Putnam, Francis C. Lowell; district judges, Clarence Hale, Arthur L. Brown, Edgar Aldrich, Frederic Dodge.

SECOND CIRCUIT—Judges: Mr. Justice Horace H. Lurton; circuit judges, E. H. Lacombe, Henry G. Ward, Alfred C. Coxe, Walter C. Noyes; district judges, James P. Platt, George B. Adams, George C. Holt, George W. Ray, John R. Hazel, Charles M. Hough, Thomas I. Chatfield, Learned Hand.

THIRD CIRCUIT—Judges: Mr. Justice — — ———; circuit judges, George Gray, Joseph Buffington, William M. Lanning; district judges, John B. McPherson, Robert W. Archbald, Edward G. Bradford, Joseph Cross, James B. Holland, James S. Young, John Rellstab, Charles P. Orr.

FOURTH CIRCUIT—Judges: Mr. Chief Justice — — ———; circuit judges, Jeter C. Pritchard, Nathan Goff; district judges, Benjamin F. Keller, Henry G. Connor, James E. Boyd, W. H. Brawley, T. J. Morris, Edmund Waddill, Jr., H. Clay McDowell, Alston G. Dayton, John C. Rose.

FIFTH CIRCUIT—Judges: Mr. Justice E. D. White; circuit judges, D. A. Pardee, A. P. McCormick, David D. Shelby; district judges, W. T. Newman, Emory Speer, J. W. Locke, Thomas G. Jones, H. T. Toulmin, H. C. Niles, Aleck Boarman, Edward R. Meek, T. S. Maxey, Waller T. Burns, William I. Grubb, Rufus E. Foster, William B. Sheppard, Gordon Russell.

SIXTH CIRCUIT—Judges: Mr. Justice John M. Harlan; circuit judges, Henry F. Severens, Loyal E. Knappen, John W. Warrington; district judges, H. H. Swan, Walter Evans, A. M. J. Cochran, Robert W. Taylor, John E. McCall, John E. Sater, Edward T. Sanford, A. C. Denison, J. M. Killits, H. C. Hollister.

SEVENTH CIRCUIT—Judges: Mr. Justice William R. Day; circuit judges, P. S. Grosscup, Francis E. Baker, William H. Seaman, C. C. Kohlsaat; district judges, Albert B. Anderson, J. Otis Humphrey, K. M. Landis, Joseph V. Quarles, A. L. Sanborn, Francis M. Wright, George A. Carpenter.

EIGHTH CIRCUIT—Judges: Mr. Justice — — ———; circuit judges, Willis Van Devanter, W. H. Sanborn, William C. Hook, Elmer B. Adams; district judges, William H. Munger, Smith McPherson, Page Morris, Jacob Trieber, J. A. Riner, John H. Rogers, Charles F. Amidon, John E. Carland, John A. Marshall, Henry T. Reed, J. C. Pollock, J. R. McFie, F. W. Parker, W. H. Pope, Ira A. Abbott, D. P. Dyer, T. C. Munger, R. E. Campbell, J. H. Cotteral, Robert E. Lewis, Charles A. Willard, A. S. Van Valkenburgh, E. R. Wright, M. C. Mechem, C. J. Roberts.

NINTH CIRCUIT—Judges: Mr. Justice Joseph McKenna; circuit judges, E. M. Ross, William B. Gilbert, W. W. Morrow; district judges, J. J. DeHaven, O. Wellborn, C. H. Hanford, Sanford B. Dole, Edward Kent, Edward Whitson, F. M. Doan, J. H. Campbell, John T. De Bolt, W. J. Robinson, J. A. Matthewman, C. F. Parsons, J. Hardy, C. E. Wolverton, William C. Van Fleet, E. S. Farrington, F. S. Dietrich, R. S. Bean, G. Donworth, T. R. Lyons, E. E. Cushman, E. M. Doe, E. W. Lewis, A. Perry, W. L. Whitney, S. B. Kingsbury, Carl Rasch, C. D. Murane, Peter D. Overfield, A. S. Hartwell, Henry E. Cooper, A. G. M. Robertson.

CIRCUIT COURTS.

Salaries of circuit judges, $7,000 each.

FIRST JUDICIAL CIRCUIT—Mr. Justice Holmes, Boston, Mass. Districts of Maine, New Hampshire, Massachusetts, Rhode Island. Circuit judges, Le Baron B. Colt, Providence, R. I., July 5, 1884; W. L. Putnam, Portland, Me., March 17, 1892; Francis C. Lowell, Boston, Mass., Feb. 23, 1905.

SECOND JUDICIAL CIRCUIT—Mr. Justice Horace H. Lurton. Districts of Vermont, Connecticut, New York. Circuit judges, E. H. Lacombe, New York, May 26, 1887; Alfred C. Coxe, Utica, N. Y., June 3, 1902; Henry G. Ward, New York, N. Y., Dec. 17, 1907; Walter C. Noyes, New London, Conn., Dec. 18, 1907.

THIRD JUDICIAL CIRCUIT—Mr. Justice — — ———. Districts of New Jersey, Pennsylvania, Delaware. Circuit judges, Joseph Buffington, Pittsburg, Pa., Sept. 25, 1906; William M. Lanning, Trenton, N. J., May 18, 1909; George Gray, Wilmington, Del., Dec. 18, 1899.

FOURTH JUDICIAL CIRCUIT—Mr. Chief Justice — — ———. Districts of Maryland, Virginia, West Virginia, North Carolina, South Carolina. Circuit judges, Nathan Goff, Clarksburg, W. Va., March 17, 1892; Jeter C. Pritchard, Asheville, N. C., April 27, 1904.

FIFTH JUDICIAL CIRCUIT—Mr. Justice White. Districts of Georgia, Florida, Alabama, Mississippi, Louisiana, Texas. Circuit judges, Don A. Pardee, Atlanta, Ga., May 13, 1881; A. P. McCormick, Dallas, Tex., March 17, 1892; D. D. Shelby, Huntsville, Ala., March 2, 1899.

SIXTH JUDICIAL CIRCUIT—Mr. Justice Harlan. Districts of Ohio, Michigan, Kentucky, Tennessee. Circuit judges, Henry F. Severens, Kalamazoo, Mich., March 16, 1900; John W. Warrington, Cincinnati, O., March 16, 1909; Loyal E. Knappen, Grand Rapids, Mich., Jan. 31, 1910.

SEVENTH JUDICIAL CIRCUIT—Mr. Justice Day. Districts of Indiana, Illinois, Wisconsin. Circuit judges, Peter S. Grosscup, Chicago, Ill., Jan. 23, 1899; Francis E. Baker, Indianapolis, Ind., Jan. 21, 1902; William H. Seaman, Sheboygan, Wis., March 1, 1905; Christian C. Kohlsaat, Chicago, Ill., March 18, 1905.

EIGHTH JUDICIAL CIRCUIT—Mr. Justice — — ———. Districts of Minnesota, North Dakota, South Dakota, Wyoming, Iowa, Missouri, Kansas, Arkansas, Nebraska, Colorado, Utah, New Mexico, Oklahoma. Circuit judges, W. H. Sanborn, St. Paul, Minn., March 17, 1892; Willis Van Devanter, Cheyenne, Wyo., Feb. 18, 1903; William C. Hook, Leavenworth, Kas., Nov. 17, 1903; Elmer B. Adams, St. Louis, Mo., Dec. 12, 1905.

NINTH JUDICIAL CIRCUIT—Mr. Justice McKenna. Districts of California, Montana, Washington, Idaho, Oregon, Nevada, Alaska, Arizona, Hawaii. Circuit judges, E. M. Ross, Los Angeles, Cal., Feb. 22, 1895; W. B. Gilbert, Portland, Ore., March 18, 1892; William W. Morrow, San Francisco, Cal., May 20, 1897.

JUDGES OF THE UNITED STATES DISTRICT COURTS.

With date of commission. Salaries, $6,000 each.

ALABAMA—Northern and Middle Districts	Thomas Goode Jones	Montgomery	Dec.	17, 1901
Southern District	H. T. Toulmin	Mobile	Jan.	13, 1887
Northern District	William I. Grubb	Birmingham	May	30, 1908
ALASKA—First District	Thos. R. Lyons	Juneau	May	4, 1909
Second District	C. D. Murane	Nome	July	5, 1910
Third District	Edward E. Cushman	Valdez	July	1, 1909
Fourth District	Peter D. Overfield	Fairbanks	June	16, 1909
ARKANSAS—Eastern District	Jacob Trieber	Little Rock	Jan.	9, 1901
Western District	John H. Rogers	Fort Smith	Nov.	27, 1896
ARIZONA	Edward Kent, Ch. J.	Phœnix	Mar.	21, 1910
CALIFORNIA—Northern District	John J. De Haven	San Francisco	June	8, 1897
	Wm. C. Van Fleet	San Francisco	Dec.	17, 1907
Southern District	Olin Wellborn	Los Angeles	Mar.	1, 1896
COLORADO	Robert E. Lewis	Denver	Apr.	10, 1906
CONNECTICUT	James P. Platt	Hartford	Mar.	23, 1902
DELAWARE	Edward G. Bradford	Wilmington	May	11, 1897
DISTRICT OF COLUMBIA	Seth Shepard, Ch. J.	Washington	Jan.	5, 1905
FLORIDA—Northern District	Wm. B. Sheppard	Pensacola	May	20, 1908
Southern District	James W. Locke	Jacksonville	Feb.	1, 1872
GEORGIA—Northern District	William T. Newman	Atlanta	Aug.	13, 1886
Southern District	Emory Speer	Macon	Feb.	18, 1885
HAWAII	A. S. Hartwell, Ch. J.	Honolulu	Dec.	18, 1907
IDAHO	Frank S. Dietrich	Boise	Dec.	17, 1907
ILLINOIS—Northern District	Kenesaw M. Landis	Chicago	Mar.	18, 1905
	Geo. A. Carpenter	Chicago	Jan.	11, 1910
Eastern District	Francis M. Wright	Urbana	Mar.	17, 1905
Southern District	J. Otis Humphrey	Springfield	Mar.	8, 1901
INDIANA	A. B. Anderson	Indianapolis	Dec.	8, 1902
IOWA—Northern District	Henry T. Reed	Cresco	Mar.	7, 1904
Southern District	Smith McPherson	Red Oak	May	7, 1900
KANSAS	John C. Pollock	Topeka	Dec.	1, 1901
KENTUCKY—Eastern District	A. M. J. Cochran	Maysville	Dec.	17, 1901
Western District	Walter Evans	Louisville	Mar.	3, 1899
LOUISIANA—Eastern District	Rufus E. Foster	New Orleans	Feb.	2, 1909
Western District	Aleck Boarman	Shreveport	May	18, 1881
MAINE	Clarence Hale	Portland	July	1, 1902
MARYLAND	Thomas J. Morris	Baltimore	July	1, 1879
	John C. Rose	Baltimore	Apr.	4, 1910
MASSACHUSETTS	Frederic Dodge	Boston	Feb.	23, 1905
MICHIGAN—Eastern District	Henry H. Swan	Detroit	Jan.	19, 1891
Western District	A. C. Denison	Grand Rapids	Jan.	31, 1910
MINNESOTA	Charles A. Willard	Minneapolis	May	18, 1909
	Page Morris	Duluth	July	1, 1903
MISSISSIPPI—Two Districts	Henry C. Niles	Kosciusko	Jan.	11, 1902
MISSOURI—Eastern District	David P. Dyer	St. Louis	Mar.	1, 1907
Western District	A. S. Van Valkenburg	Kansas City	June	25, 1910
MONTANA	Carl Rasch	Helena	May	2, 1910
NEBRASKA	William H. Munger	Omaha	Feb.	18, 1897
	T. C. Munger	Lincoln	Mar.	1, 1907
NEVADA	E. S. Farrington	Carson	Jan.	10, 1907
NEW HAMPSHIRE	Edgar Aldrich	Littleton	Feb.	20, 1891
NEW JERSEY	John Reilstab	Trenton	May	18, 1909
	Joseph Cross	Elizabeth	Mar.	17, 1905
NEW MEXICO	William H. Pope, Ch. J.	Roswell	Mar.	1, 1910
NEW YORK—Northern District	George W. Ray	Norwich	Dec.	8, 1902
Southern District	George B. Adams	New York city	Dec.	17, 1902
	George C. Holt	New York city		1901
	Charles M. Hough	New York city	June	27, 1906
	Learned Hand	New York city	April	26, 1909
Eastern District	Thos. I. Chatfield	Brooklyn	Jan.	9, 1907
Western District	John R. Hazel	Buffalo	June	5, 1900
NORTH CAROLINA—Eastern District	Henry G. Connor	Wilson	May	25, 1909
Western District	James E. Boyd	Greensboro	Jan.	9, 1901
NORTH DAKOTA	Charles F. Amidon	Fargo	Feb.	18, 1897
OHIO—Northern District	Robert W. Tayler	Cleveland	Feb.	1, 1905
	John M. Killits	Toledo	June	24, 1910
Southern District	H. C. Hollister	Cincinnati	Mar.	7, 1910
	John E. Sater	Columbus	May	30, 1908
OKLAHOMA—Eastern District	Ralph E. Campbell	Muskogee	Jan.	13, 1908
Western District	John H. Cotteral	Guthrie	Jan.	13, 1908
OREGON	C. E. Wolverton	Portland	Jan.	10, 1906
	Robert S. Bean	Portland	April	28, 1909
PENNSYLVANIA—Eastern District	Jas. B. Holland	Philadelphia	Apr	19, 1904
	John B. McPherson	Philadelphia	Mar.	2, 1899
Middle District	Robt. W. Archbald	Scranton	Mar.	29, 1901
Western District	James S. Young	Pittsburg	Feb.	1, 1908
	Charles P. Orr	Pittsburg	April	8, 1909
PORTO RICO	Jose C. Hernandez	San Juan	April	9, 1909
RHODE ISLAND	Arthur L. Brown	Providence	Oct.	15, 1896
SOUTH CAROLINA	W. H. Brawley	Charleston	Jan.	18, 1894
SOUTH DAKOTA	John E. Carland	Sioux Falls	Aug.	31, 1896
TENNESSEE—Eastern and Middle Districts	Edward T. Sanford	Knoxville	May	18, 1908
Western District	John E. McCall	Memphis	Jan.	17, 1905
TEXAS—Eastern District	Gordon Russell	Tyler	June	6, 1910
Western District	Thomas S. Maxey	Austin	June	25, 1888
Northern District	Edw. R. Meek	Dallas	Feb.	15, 1899
Southern District	Waller T. Burns	Houston	July	1 1902
UTAH	John A. Marshall	Salt Lake City	Feb.	4, 1896
VERMONT	Jas. L. Martin	Brattleboro	Mar.	16, 1906
VIRGINIA—Eastern District	Edmund Waddill, Jr.	Richmond	Mar.	22, 1898
Western District	H. Clay McDowell	Bigstone Gap	Dec.	18, 1901

WASHINGTON—Western District	C. H. Hanford	Seattle	Feb. 25, 1890
	Geo. Donworth	Seattle	May 18, 1909
Eastern District	Edward Whitson	Spokane	Mar. 14, 1905
WEST VIRGINIA—Northern District	Alston G. Dayton	Philippi	Mar. 14, 1905
Southern District	Benjamin F. Keller	Bramwell	July 1, 1901
WISCONSIN—Eastern District	Joseph V. Quarles	Milwaukee	Mar. 6, 1905
Western District	A. L. Sanborn	Madison	Jan. 9, 1906
WYOMING	John A. Riner	Cheyenne	Sept. 22, 1890

UNITED STATES DISTRICT ATTORNEYS.

ALABAMA—Northern District	O. D. Street	Birmingham.
Middle District	Warren S. Reese	Montgomery.
Southern District	William H. Ambrecht	Mobile.
ALASKA—First Division	John Rustgard	Juneau.
Second Division	B. S. Rodney	Nome.
Third Division	Geo. R. Walker	Valdez.
Fourth Division	Jas. J. Crossley	Fairbanks.
ARIZONA	Joseph E. Morrison	Tucson.
ARKANSAS—Eastern District	William G. Whipple	Little Rock.
Western District	John I. Worthington	Fort Smith.
CALIFORNIA—Northern District	Robert T. Devlin	San Francisco.
Southern District	Aloysius I. McCormick	Los Angeles.
COLORADO	Thomas Ward, Jr.	Denver.
CONNECTICUT	John T. Robinson	Hartford.
DELAWARE	John P. Nields	Wilmington.
DISTRICT OF COLUMBIA	Clarence R. Wilson	Washington.
FLORIDA—Northern District	Fred C. Cubberly	Pensacola.
Southern District	John M. Cheney	Jacksonville.
GEORGIA—Northern District	Farish C. Tate	Atlanta.
Southern District	Marion Erwin	Macon.
HAWAII	Robert W. Breckons	Honolulu.
IDAHO	C. H. Lingenfelter	Boise.
ILLINOIS—Northern District	Edwin W. Sims	Chicago.
Eastern District	William E. Trautmann	Danville.
Southern District	William A. Northcott	Springfield.
INDIANA	Charles W. Miller	Indianapolis.
IOWA—Northern District	Frederick F. Faville	Sioux City.
Southern District	Marcellus L. Temple	Des Moines.
KANSAS	Harry J. Bone	Topeka.
KENTUCKY—Western District	George Du Relle	Louisville.
Eastern District	James N. Sharp	Covington.
LOUISIANA—Eastern District	Charlton R. Beattie	New Orleans.
Western District	Milton C. Elstner	Shreveport.
MAINE	R. T. Whitehouse	Portland.
MARYLAND	John P. Hill	Baltimore.
MASSACHUSETTS	Asa P. French	Boston.
MICHIGAN—Eastern District	Frank H. Watson	Detroit.
Western District	George G. Covell	Grand Rapids.
MINNESOTA	Charles C. Houpt	St. Paul.
MISSISSIPPI—Northern District	William D. Frazee	Oxford.
Southern District	Robert C. Lee	Vicksburg.
MISSOURI—Eastern District	Charles A. Houts	St. Louis.
Western District	Leslie J. Lyons	Kansas City.
MONTANA	James W. Freeman	Helena.
NEBRASKA	Francis S. Howell	Omaha.
NEVADA	Samuel Platt	Carson City.
NEW HAMPSHIRE	Charles W. Hoitt	Nashua.
NEW JERSEY	John B. Vreeland	Newark.
NEW MEXICO	David J. Leahy	Las Vegas.
NEW YORK—Northern District	George B. Curtiss	Binghamton.
Southern District	Henry A. Wise	New York city.
Eastern District	William J. Youngs	Brooklyn.
Western District	John Lord O'Brian	Buffalo.
NORTH CAROLINA—Eastern District	Herbert F. Seawell	Raleigh.
Western District	Alfred E. Holton	Winston.
NORTH DAKOTA	Patrick H. Rourke	Fargo.
OHIO—Northern District	William L. Day	Cleveland.
Southern District	Sherman T. McPherson	Cincinnati.
OKLAHOMA—Eastern District	William J. Gregg	Muskogee.
Western District	John Embry	Guthrie.
OREGON	John McCourt	Portland.
PENNSYLVANIA—Eastern District	J. W. Thompson	Philadelphia.
Middle District	Charles B. Witmer	Sunbury.
Western District	John H. Jordan	Pittsburg.
PORTO RICO	J. R. F. Savage	San Juan
RHODE ISLAND	Charles A. Wilson	Providence.
SOUTH CAROLINA	Ernest F. Cochran	Charleston.
SOUTH DAKOTA	Edward E. Wagner	Sioux Falls.
TENNESSEE—Eastern District	James B. Cox	Knoxville.
Middle District	Abram M. Tillman	Nashville.
Western District	Casey Todd	Memphis.
TEXAS—Eastern District	James W. Ownby	Paris.
Northern District	William H. Atwell	Dallas.
Western District	Charles A. Boynton	Waco.
Southern District	Lock McDaniel	Houston.
UTAH	Hiram E. Booth	Salt Lake City.
VERMONT	Alex. Dunnett	Burlington.
VIRGINIA—Eastern District	Lunsford L. Lewis	Richmond.
Western District	Barnes Gillespie	Roanoke.
WASHINGTON—Western District	Elmer Ely Todd	Seattle.
Eastern District	Oscar Cain	Spokane.
WEST VIRGINIA—Northern District	H. Roy Waugh	Parkersburg.

Southern District	Harold A. Ritz	Huntington.
WISCONSIN—Eastern District	E. J. Henning	Milwaukee.
Western District	George H. Gordon	Madison.
WYOMING	Timothy F. Burke	Cheyenne.

UNITED STATES MARSHALS.

ALABAMA—Northern District	Pope M. Long	Birmingham.
Middle District	Benjamin E. Walker	Montgomery.
Southern District	Gilbert B. Deans	Mobile.
ALASKA—First Division	Herbert L. Faulkner	Juneau.
Second Division	Thomas C. Powell	Nome.
Third Division	Harvey P. Sullivan	Valdez.
Fourth Division	Henry K. Love	Fairbanks.
ARIZONA	Charles A. Overlock	Tucson.
ARKANSAS—Eastern District	H. L. Remmel	Little Rock.
Western District	John F. Mayes	Fort Smith.
CALIFORNIA—Northern District	Charles T. Elliott	San Francisco.
Southern District	L. V. Youngworth	Los Angeles.
COLORADO	Dewey C. Bailey	Denver.
CONNECTICUT	Edson S. Bishop	New Haven.
DELAWARE	William R. Flinn	Wilmington.
DISTRICT OF COLUMBIA	Aulick Palmer	Washington.
FLORIDA—Northern District	Thomas F. McGourin	Pensacola.
Southern District	John F. Horr	Tampa.
GEORGIA—Northern District	Walter H. Johnson	Atlanta.
Southern District	George F. White	Macon.
HAWAII	E. R. Hendry	Honolulu.
IDAHO	S. L. Hodgkin	Boise.
ILLINOIS—Northern District	Luman T. Hoy	Chicago.
Eastern District	Charles P. Hitch	Danville.
Southern District	William H. Behrens	Springfield
INDIANA	H. C. Pettit	Indianapolis.
IOWA—Northern District	Edward Knott	Dubuque.
Southern District	Frank B. Clark	Des Moines.
KANSAS	William H. Mackey, Jr.	Topeka.
KENTUCKY—Western District	George W. Long	Louisville.
Eastern District	Asbury B. Patrick	Covington
LOUISIANA—Eastern District	Victor Loisel	New Orleans.
Western District	Cornelius C. Duson	Shreveport.
MAINE	Henry W. Mayo	Portland.
MARYLAND	George W. Padgett	Baltimore.
MASSACHUSETTS	Guy Murchie	Boston.
MICHIGAN—Eastern District	M. D. Campbell	Detroit.
Western District	Frank W. Walt	Grand Rapids.
MINNESOTA	William H. Grimshaw	St. Paul.
MISSISSIPPI—Northern District	Aaron M. Storer	Oxford.
Southern District	Frederick W. Collins	Jackson.
MISSOURI—Eastern District	Edward F. Regenhardt	St. Louis.
Western District	Edwin R. Durham	Kansas City.
MONTANA	A. W. Merrifield	Helena.
NEBRASKA	William P. Warner	Omaha.
NEVADA	Harry J. Humphreys	Carson City.
NEW HAMPSHIRE	Eugene P. Nute	Concord.
NEW JERSEY	Thomas J. Alcott	Trenton.
NEW MEXICO	Creighton M. Foraker	Albuquerque.
NEW YORK—Northern District	Van Rensselaer Weaver	Utica.
Southern District	William Henkel	New York city.
Eastern District	Charles J. Haubert	Brooklyn.
Western District	William R. Compton	Elmira.
NORTH CAROLINA—Eastern District	Claudius Dockery	Raleigh.
Western District	William E. Logan	Greensboro.
NORTH DAKOTA	James F. Shea	Fargo.
OHIO—Northern District	Hyman H. Davis	Cleveland.
Southern District	Eugene L. Lewis	Cincinnati.
OKLAHOMA—Western District	John R. Abernathy	Guthrie.
Eastern District	Samuel G. Victor	Muskogee.
OREGON	Elmer B. Colwell	Portland.
PENNSYLVANIA—Eastern District	John B. Robinson	Philadelphia.
Middle District	James M. Yeager	Scranton.
Western District	Enos H. Porter	Pittsburg.
PORTO RICO	Harry S. Hubbard	San Juan.
RHODE ISLAND	Daniel R. Ballou	Providence.
SOUTH CAROLINA	J. Duncan Adams	Charleston.
SOUTH DAKOTA	Seth Bullock	Sioux Falls.
TENNESSEE—Eastern District	James G. Crumbliss	Knoxville.
Middle District	John W. Overall	Nashville.
Western District	J. Sam Johnson	Memphis.
TEXAS—Eastern District	Dupont B. Lyon	Knoxville.
Northern District	George H. Green	Dallas.
Western District	Eugene Nolte	San Antonio
Southern District	C. G. Brewster	Galveston.
UTAH	James H. Anderson	Salt Lake City
VERMONT	Horace W. Bailey	Rutland.
VIRGINIA—Eastern District	Clarence G. Smithers	Norfolk.
Western District	Robert A. Fulwiler	Staunton.
WASHINGTON—Eastern District	George H. Baker	Spokane.
Western District	Charles B. Hopkins	Tacoma.
WEST VIRGINIA—Northern District	James E. Doyle	Parkersburg.
Southern District	Frank H. Tyree	Huntington.
WISCONSIN—Eastern District	H. A. Well	Milwaukee.
Western District	Rockwell J. Flint	Madison.
WYOMING	L. G. Davis	Cheyenne.

Sixty-First Congress.

From March 4, 1909, to March 3, 1911.

SENATE.

Republicans, 59; democrats, 33. Compensation of senators, $7,500.

ALABAMA.

Joseph F. Johnston, Dem.....Birmingham..1915
John H. Bankhead, Dem.....Fayette..1913

ARKANSAS.

Jeff Davis, Dem.....Little Rock..1913
James P. Clarke, Dem.....Little Rock..1915

CALIFORNIA.

Frank P. Flint, Rep.....Los Angeles..1911
George C. Perkins, Rep.....Oakland..1915

COLORADO.

Simon Guggenheim, Rep.....Denver..1913
Charles J. Hughes, Dem.....Denver..1915

CONNECTICUT.

Morgan G. Bulkeley, Rep.....Hartford..1911
Frank B. Brandegee, Rep.....New London..1915

DELAWARE.

Henry A. du Pont, Rep.....Wintertnur..1911
Harry A. Richardson, Rep.....Dover..1913

FLORIDA.

James P. Taliaferro, Dem.....Jacksonville..1911
Duncan U. Fletcher, Dem.....Jacksonville..1915

GEORGIA.

Augustus O. Bacon, Dem.....Macon..1913
G. M. Terrell, Dem.....Greenville..1911

IDAHO.

William E. Borah, Rep.....Boise..1913
Weldon B. Heyburn, Rep.....Wallace..1915

ILLINOIS.

Shelby M. Cullom, Rep.....Springfield..1913
William Lorimer, Rep.....Chicago..1915

INDIANA.

Albert J. Beveridge, Rep.....Indianapolis..1911
Benjamin F. Shively, Dem.....South Bend..1915

IOWA.

Lafayette Young, Rep.....Des Moines..1911
Albert B. Cummins, Rep.....Des Moines..1915

KANSAS.

Charles Curtis, Rep.....Topeka..1913
Joseph L. Bristow, Rep.....Salina..1915

KENTUCKY.

Thomas H. Paynter, Dem.....Greenup..1913
William O. Bradley, Rep.....Louisville..1915

LOUISIANA.

Murphy J. Foster, Dem.....Franklin..1913
J. B. Thornton, Dem.....Alexandria..1915

MAINE.

Eugene Hale, Rep.....Ellsworth..1911
William P. Frye, Rep.....Lewiston..1913

MARYLAND.

Isidor Rayner, Dem.....Baltimore..1917
John Walter Smith, Dem.....Snow Hill..1915

MASSACHUSETTS.

Henry Cabot Lodge, Rep.....Nahant..1911
Winthrop M. Crane, Rep.....Dalton..1913

MICHIGAN.

Julius C. Burrows, Rep.....Kalamazoo..1911
William A. Smith, Rep.....Grand Rapids..1913

MINNESOTA.

Moses E. Clapp, Rep.....St. Paul..1911
Knute Nelson, Rep.....Alexandria..1913

MISSISSIPPI.

Leroy Percy, Dem.....Greenville..1913
H. DeSoto Money, Dem.....Carrollton..1911

MISSOURI.

William Warner, Rep.....Kansas City..1911
William J. Stone, Dem.....St. Louis..1915

MONTANA.

Thomas H. Carter, Rep.....Butte..1911
Joseph M. Dixon, Rep.....Missoula..1913

NEBRASKA.

Elmer J. Burkett, Rep.....Lincoln..1911
Norris Brown, Rep.....Lincoln..1913

NEVADA.

George S. Nixon, Rep.....Winnemucca..1911
Francis G. Newlands, Dem.....Reno..1915

NEW HAMPSHIRE.

Henry E. Burnham, Rep.....Manchester..1913
Jacob H. Gallinger, Rep.....Concord..1915

NEW JERSEY.

John Kean, Rep.....Ursino..1911
Frank O. Briggs, Rep.....Trenton..1913

NEW YORK.

Chauncey M. Depew, Rep.....New York..1911
Elihu Root, Rep.....New York..1915

NORTH CAROLINA.

F. M. Simmons, Dem.....Raleigh..1913
Lee S. Overman, Dem.....Salisbury..1915

NORTH DAKOTA.

Porter J. McCumber, Rep.....Wahpeton..1911
W. E. Purcell, Dem.....Wahpeton..1915

OHIO.

Charles Dick, Rep.....Akron..1911
Theodore E. Burton, Rep.....Cleveland..1915

OKLAHOMA.

Robert L. Owen, Dem.....Muskogee..1913
Thomas P. Gore, Dem.....Lawton..1915

OREGON.

Jonathan Bourne, Rep.....Portland..1913
George E. Chamberlain, Dem.....Portland..1915

PENNSYLVANIA.

George T. Oliver, Rep.....Pittsburg..1911
Boies Penrose, Rep.....Philadelphia..1915

RHODE ISLAND.

Nelson W. Aldrich, Rep.....Providence..1911
George P. Wetmore, Rep.....Newport..1913

SOUTH CAROLINA.

Benjamin R. Tillman, Dem.....Trenton..1913
Ellison D. Smith, Dem.....Florence..1915

SOUTH DAKOTA.

Robert J. Gamble, Rep.....Yankton..1913
Coe I. Crawford, Rep.....Pierre..1915

TENNESSEE.

James B. Frazier, Dem.....Nashville..1911
Robert L. Taylor, Dem.....Nashville..1913

TEXAS.

Charles A. Culberson, Dem.....Dallas..1911
Joseph W. Bailey, Dem.....Gainesville..1913

UTAH.

George Sutherland, Rep.....Salt Lake City..1911
Reed Smoot, Rep.....Provo..1915

VERMONT.

Carroll S. Page, Rep.....Hyde Park..1911
William P. Dillingham, Rep.....Montpelier..1915

VIRGINIA.

Claude A Swanson, Dem.....Chatham..1911
Thomas S. Martin, Dem.....Scottsburg..1913

WASHINGTON.

Samuel H. Piles, Rep.....Seattle..1911
Wesley L. Jones, Rep.....North Yakima..1915

WEST VIRGINIA.

Nathan B. Scott, Rep.....Wheeling..1911
Stephen B. Elkins, Rep.....Elkins..1913

WISCONSIN.

Robert M. LaFollette, Rep.....Madison..1911
Isaac Stephenson, Rep.....Marinette..1915

WYOMING.

Clarence D. Clark, Rep.....Evanston..1911
Francis E. Warren, Rep.....Cheyenne..1913

HOUSE OF REPRESENTATIVES.

Republicans, 219; democrats, 172; whole number, 391. Those marked with a star (*) served in the 60th congress. †At large. Compensation of representatives, $7,500; of speaker, $12,000.

ALABAMA.

1. George W. Taylor,* Dem.....Demopolis
2. S. H. Dent, Jr., Dem.....Montgomery
3. Henry D. Clayton,* Dem.....Eufaula
4. William B. Craig,* Dem.....Selma
5. James Thomas Heflin,* Dem.....Lafayette
6. Richmond P. Hobson,* Dem.....Greensboro
7. John L. Burnett,* Dem.....Gadsden
8. William Richardson,* Dem.....Huntsville
9. Oscar W. Underwood,* Dem.....Birmingham

ARKANSAS.

1. R. B. Macon,* Dem.....Helena
2. W. A. Oldfield, Dem.....Batesfield
3. John C. Floyd,* Dem.....Yellville
4. Ben Cravens,* Dem.....Fort Smith
5. Charles C. Reid,* Dem.....Morrillton
6. Joseph T. Robinson,* Dem.....Lonoke
7. Robert M. Wallace,* Dem.....Magnolia

CALIFORNIA.

1. William F. Engelbright,* Rep.....Nevada City
2. Duncan E. McKinlay,* Rep.....Santa Rosa
3. Joseph R. Knowland,* Rep.....Alameda
4. Julius Kahn,* Rep.....San Francisco
5. Everis A. Hayes,* Rep.....San Jose
6. James C. Needham,* Rep.....Modesto
7. James McLachlan,* Rep.....Pasadena
8. Sylvester C. Smith,* Rep.....Bakersfield

COLORADO.

Edward T. Taylor,† Dem.....Glenwood Springs
1. A. W. Rucker, Dem.....Rucker-Ridge
2. John A. Martin, Dem.....Pueblo

CONNECTICUT.

John Q. Tilson,† Rep.....New Haven
1. E. Stevens Henry,* Rep.....Rockville
2. Nehemiah D. Sperry,* Rep.....New Haven
3. Edwin W. Higgins,* Rep.....Norwich
4. Ebenezer J. Hill,* Rep.....Norwalk

DELAWARE.

William H. Heald,† Rep.....Wilmington

FLORIDA.

1. Stephen M. Sparkman,* Dem.....Tampa
2. Frank Clark,* Dem.....Gainesville
3. D. H. Mays, Dem.....Monticello

GEORGIA.

1. Charles G. Edwards,* Dem.....Savannah
2. S. A. Roddenbery, Dem.....Thomasville
3. Dudley M. Hughes, Dem.....Danville
4. William C. Adamson,* Dem.....Carrollton
5. Leonidas F. Livingston,* Dem.....Covington
6. Charles L. Bartlett,* Dem.....Macon
7. Gordon Lee,* Dem.....Chickamauga
8. William M. Howard,* Dem.....Lexington
9. Thomas M. Bell,* Dem.....Gainesville
10. Thomas W. Hardwick,* Dem.....Sandersville
11. William G. Brantley,* Dem.....Brunswick

IDAHO.

Thomas R. Hamer,† Rep.....St. Anthony

ILLINOIS.

1. Martin B. Madden,* Rep.....Chicago
2. James R. Mann,* Rep.....Chicago
3. William W. Wilson,* Rep.....Chicago
4. James T. McDermott,* Dem.....Chicago
5. Adolph J. Sabath,* Dem.....Chicago
6. William J. Moxley, Rep.....Chicago
7. Frederick Lundin, Rep.....Chicago
8. Thomas Gallagher, Dem.....Chicago
9. Henry Sherman Boutell,* Rep.....Chicago
10. George E. Foss,* Rep.....Chicago
11. Howard M. Snapp,* Rep.....Joliet
12. Charles E. Fuller,* Rep.....Belvidere
13. Frank O. Lowden,* Rep.....Oregon
14. James McKinney,* Rep.....Aledo
15. George W. Prince,* Rep.....Galesburg
16. Joseph V. Graff,* Rep.....Peoria
17. John A. Sterling,* Rep.....Bloomington
18. Joseph G. Cannon,* Rep.....Danville
19. William B. McKinley,* Rep.....Champaign
20. Henry T. Rainey,* Dem.....Carrollton
21. James M. Graham, Dem.....Springfield
22. William A. Rodenberg,* Rep.....East St. Louis
23. Martin D. Foster,* Dem.....Olney
24. Pleasant T. Chapman,* Rep.....Vienna
25. N. B. Thistlewood,* Rep.....Cairo

INDIANA.

1. J. W. Boehne, Dem.....Evansville
2. W. A. Cullop, Dem.....Vincennes
3. William E. Cox,* Dem.....Jasper
4. Lincoln Dixon,* Dem.....North Vernon
5. R. W. Moss, Dem.....Center Point
6. W. O. Barnard, Rep.....Newcastle
7. Charles A. Korbly, Dem.....Indianapolis
8. John A. M. Adair,* Dem.....Portland
9. M. A. Morrison, Dem.....Frankfort
10. Edgar D. Crumpacker,* Rep.....Valparaiso
11. George W. Rauch,* Dem.....Marion
12. Cyrus Cline, Dem.....Angola
13. H. A. Barnhart, Dem.....Rochester

IOWA.

1. Charles A. Kennedy,* Rep.....Montrose
2. Albert F. Dawson,* Rep.....Preston
3. Charles E. Pickett, Rep.....Waterloo
4. Gilbert N. Haugan,* Rep.....Northwood
5. James A. Good, Rep.....Cedar Rapids
6. Nathan E. Kendall, Rep.....Albia
7. John A. T. Hull,* Rep.....Des Moines
8. William D. Jamieson, Dem.....Shenandoah
9. Walter I. Smith,* Rep.....Council Bluffs
10. Frank P. Woods, Rep.....Estherville
11. Elbert H. Hubbard,* Rep.....Sioux City

KANSAS.

1. Daniel R. Anthony, Jr.,* Rep.....Leavenworth
2. Charles F. Scott,* Rep.....Iola
3. Philip P. Campbell,* Rep.....Pittsburg
4. James M. Miller,* Rep.....Council Grove
5. William A. Calderhead,* Rep.....Marysville
6. William A. Reeder,* Rep.....Logan
7. Edmond H. Madison,* Rep.....Dodge City
8. Victor Murdock,* Rep.....Wichita

KENTUCKY.

1. Ollie M. James,* Dem.....Marion
2. Augustus O. Stanley,* Dem.....Henderson
3. R. Y. Thomas, Dem.....Central City
4. Ben Johnson,* Dem.....Bardstown
5. Swager Sherley,* Dem.....Louisville
6. Joseph L. Rhinock,* Dem.....Covington
7. J. Campbell Cantrill, Dem.....Georgetown
8. Harvey Helm,* Dem.....Stanford
9. J. B. Bennett, Rep.....Greenup
10. John W. Langley, Rep.....Spurlock
11. Don C. Edwards,* Rep.....London

LOUISIANA.

1. Albert Estopinal,* Dem.....Estopinal
2. H. Garland Dupre, Dem.....Opelousas
3. Robert F. Broussard,* Dem.....New Iberia
4. John T. Watkins,* Dem.....Minden
5. Joseph E. Ransdell,* Dem.....Lake Providence
6. Robert C. Wickliffe, Dem.....St. Francisville
7. Arsene P. Pujo,* Dem.....Lake Charles

MAINE.

1. Amos L. Allen,* Rep.....Alfred
2. John P. Swasey,* Rep.....Canton
3. Edwin C. Burleigh,* Rep.....Augusta
4. Frank E. Guernsey, Rep.....Dover

MARYLAND.

1. J. Harry Covington, Dem.....Easton
2. Joshua F. C. Talbott,* Dem.....Towson
3. John Kronmiller, Rep.....Baltimore
4. John Gill, Jr.,* Dem.....Baltimore
5. Sydney E. Mudd,* Rep.....La Plata
6. George A. Pearre,* Rep.....Cumberland

MASSACHUSETTS.

1. George P. Lawrence,* Rep.....North Adams
2. Frederick H. Gillett,* Rep.....Springfield
3. Charles G. Washburn,* Rep.....Worcester
4. J. J. Mitchell, Dem.....Marlborough
5. Butler Ames,* Rep.....Lowell
6. Augustus P. Gardner,* Rep.....Hamilton
7. Ernst W. Roberts,* Rep.....Chelsea
8. Samuel W. McCall,* Rep.....Winchester

9. John A. Keliher,* Dem.....Boston
10. Joseph F. O'Connell,* Dem.....Boston
11. Andrew J. Peters,* Dem.....Jamaica Plain
12. John W. Weeks,* Rep.....Newton
13. William S. Greene,* Rep.....Fall River
14. Eugene N. Foss, Dem.....Boston

MICHIGAN.

1. Edwin Denby,* Rep.....Detroit
2. Charles E. Townsend,* Rep.....Jackson
3. Washington Gardner,* Rep.....Albion
4. Edward L. Hamilton,* Rep.....Niles
5. Gerrit J. Diekema,* Rep.....Holland
6. Samuel W. Smith,* Rep.....Pontiac
7. Henry McMorran,* Rep.....Port Huron
8. Joseph W. Fordney,* Rep.....Saginaw
9. James C. McLaughlin,* Rep.....Muskegon
10. George A. Loud,* Rep.....Au Sable
11. F. H. Dodds, Rep.....Mt. Pleasant
12. H. Olin Young,* Rep.....Ishpeming

MINNESOTA.

1. James A. Tawney,* Rep.....Winona
2. William S. Hammond,* Dem.....St. James
3. Charles R. Davis,* Rep.....St. Peter
4. Frederick C. Stevens,* Rep.....St. Paul
5. Frank M. Nye,* Rep.....Minneapolis
6. Charles A. Lindbergh,* Rep.....Little Falls
7. Andrew J. Volstead,* Rep.....Granite Falls
8. Clarence B. Miller, Rep.....Duluth
9. Halvor Steenerson,* Rep.....Crookston

MISSISSIPPI.

1. E. S. Candler, Jr.,* Dem.....Corinth
2. Thomas Spight,* Dem.....Ripley
3. B. G. Humphreys,* Dem.....Greenville
4. T. U. Sisson, Dem.....Winona
5. Adam N. Byrd,* Dem.....Philadelphia
6. Eaton J. Bowers,* Dem.....Bay St. Louis
7. W. A. Dickson, Dem.....Centerville
8. J. W. Collier, Dem.....Vicksburg

MISSOURI.

1. James T. Lloyd,* Dem.....Shelbyville
2. William W. Rucker,* Dem.....Keytesville
3. Joshua W. Alexander,* Dem.....Gallatin
4. Charles F. Booher,* Dem.....Savannah
5. William P. Borland, Dem.....Kansas City
6. C. C. Dickinson, Dem.....Clinton
7. Courtney W. Hamlin,* Dem.....Springfield
8. D. W. Shackelford,* Dem.....Jefferson City
9. Champ Clark,* Dem.....Bowling Green
10. Richard Bartholdt,* Rep.....St. Louis
11. Patrick F. Gill, Dem.....St. Louis
12. Harry M. Coudrey,* Rep.....St. Louis
13. Politte Elvins, Rep.....Elvins
14. Charles A. Crow, Rep.....Caruthersville
15. Charles H. Morgan, Rep.....Joplin
16. Arthur P. Murphy, Rep.....Rolla

MONTANA.

Charles N. Pray,*† Rep.....Fort Benton

NEBRASKA.

1. John A. Maguire, Dem.....Lincoln
2. Gilbert M. Hitchcock,* Dem.....Omaha
3. James P. Latta, Dem.....Tekamah
4. Edmund H. Hinshaw,* Rep.....Fairbury
5. George W. Norris,* Rep.....McCook
6. Moses P. Kinkaid,* Rep.....O'Neill

NEVADA.

George Bartlett,*† Dem.....Tonopah

NEW HAMPSHIRE.

1. Cyrus A. Sulloway,* Rep.....Manchester
2. Frank D. Currier,* Rep.....Canaan

NEW JERSEY.

1. H. C. Loudenslager,* Rep.....Paulsboro
2. John J. Gardner,* Rep.....Atlantic City
3. Benjamin F. Howell,* Rep.....New Brunswick
4. Ira W. Wood,* Rep.....Trenton
5. Charles N. Fowler,* Rep.....Elizabeth
6. William Hughes,* Dem.....Paterson
7. R. Wayne Parker,* Rep.....Newark
8. William H. Wiley, Rep.....East Orange
9. Eugene F. Kinkead, Dem.....Jersey City
10. James A. Hamill,* Dem.....Jersey City

NEW YORK.

1. William W. Cocks,* Rep.....Westbury
2. George H. Lindsay,* Dem.....Brooklyn
3. Otto G. Foelker, Rep.....Brooklyn
4. Charles B. Law,* Rep.....Brooklyn
5. Richard Young, Rep.....Brooklyn
6. William M. Calder,* Rep.....Brooklyn
7. John J. Fitzgerald,* Dem.....Brooklyn
8. Daniel J. Riordan,* Dem.....New York
9. Henry M. Goldfogle,* Dem.....New York
10. William Sulzer,* Dem.....New York
11. Charles V. Fornes,* Dem.....New York
12. Michael F. Conroy, Dem.....New York
13. Herbert Parsons,* Rep.....New York
14. William Willett, Jr.,* Dem.....New York
15. J. Van Vechten Olcott,* Rep.....New York
16. Francis B. Harrison,* Dem.....New York
17. William S. Bennett,* Rep.....New York
18. Joseph A. Goulden,* Dem.....New York
19. John E. Andrus,* Rep.....Yonkers
20. Thomas W. Bradley,* Rep.....Walden
21. Hamilton Fish, Rep.....Garrison
22. William H. Draper,* Rep.....Troy
23. George N. Southwick,* Rep.....Albany
24. George W. Fairchild,* Rep.....Oneonta
25. Cyrus Durey,* Rep.....Johnstown
26. George R. Malby,* Rep.....Ogdensburg
27. Charles S. Millington, Rep.....Herkimer
28. Charles L. Knapp,* Rep.....Lowville
29. Michael E. Driscoll,* Rep.....Syracuse
30. John W. Dwight,* Rep.....Dryden
31. Sereno E. Payne,* Rep.....Auburn
32. James S. Havens, Dem.....Rochester
33. J. Sloat Fassett,* Rep.....Elmira
34. James S. Simmons, Rep.....Niagara Falls
35. Daniel A. Driscoll, Dem.....Buffalo
36. D. S. Alexander,* Rep.....Buffalo
37. Edward B. Vreeland,* Rep.....Buffalo

NORTH CAROLINA.

1. John H. Small,* Dem.....Washington
2. Claude Kitchin,* Dem.....Scotland Neck
3. Charles R. Thomas,* Dem.....Newbern
4. Edward W. Pou,* Dem.....Smithfield
5. J. M. Morehead, Rep.....Spray
6. H. L. Godwin,* Dem.....Dunn
7. Robert N. Page,* Dem.....Biscoe
8. Charles H. Cowles, Rep.....Wilkesboro
9. E. Y. Webb,* Dem.....Shelby
10. John G. Grant, Rep.....Hendersonville

NORTH DAKOTA.

L. B. Hanna,† Rep.....Fargo
Asle J. Gronna,*† Rep.....Lakota

OHIO.

1. Nicholas Longworth,* Rep.....Cincinnati
2. Herman P. Goebel,* Rep.....Cincinnati
3. James M. Cox, Dem.....Dayton
4. W. E. Tou Velle,* Dem.....Celina
5. Timothy T. Ansberry, Dem.....Defiance
6. Matthew R. Denver,* Dem.....Wilmington
7. J. Warren Keifer,* Rep.....Springfield
8. Ralph D. Cole,* Rep.....Findlay
9. Isaac R. Sherwood,* Dem.....Toledo
10. A. R. Johnson, Rep.....Ironton
11. Albert Douglas,* Rep.....Chillicothe
12. E. L. Taylor, Jr.,* Rep.....Columbus
13. Carl C. Anderson, Dem.....Fostoria
14. William G. Sharp, Dem.....Elyria
15. James Joyce, Rep.....Cambridge
16. D. A. Hollingsworth, Rep.....Cadiz
17. W. A. Ashbrook, Dem.....Johnstown
18. James Kennedy,* Rep.....Youngstown
19. W. Aubrey Thomas,* Rep.....Niles
20. Paul Howland,* Rep.....Cleveland
21. James H. Cassidy, Rep.....Cleveland

OKLAHOMA.

1. Bird S. McGuire,* Rep.....Pawnee
2. Dick T. Moran, Rep.....Woodward
3. C. E. Creager, Rep.....Muskogee
4. Charles D. Carter,* Dem.....Ardmore
5. Scott Ferris,* Dem.....Lawton

OREGON.

1. Willis C. Hawley,* Rep.....Salem
2. William R. Ellis,* Rep.....Pendleton

PENNSYLVANIA.

1. Henry H. Bingham,* Rep.....Philadelphia
2. Joel Cook,* Rep.....Philadelphia
3. J. Hampton Moore,* Rep.....Philadelphia
4. Reuben O. Moon,* Rep.....Philadelphia
5. William W. Foulkrod,* Rep.....Philadelphia
6. George D. McCreary,* Rep.....Philadelphia

7. Thomas S. Butler,* Rep.....West Chester
8. Irving P. Wanger,* Rep.....Norristown
9. William W. Griest, Rep.....Lancaster
10. Thomas D. Nicholls,* Dem.....Scranton
11. Henry W. Palmer, Rep.....Wilkesbarre
12. Alfred B. Garner, Rep.....Ashland
13. John H. Rothermel,* Dem.....Reading
14. Charles C. Pratt, Rep.....New Milford
15. William B. Wilson, Dem.....Blossburg
16. John G. McHenry,* Dem.....Benton
17. Benjamin K. Focht,* Rep.....Lewisburg
18. Martin E. Olmsted,* Rep.....Harrisburg
19. John M. Reynolds,* Rep.....Bedford
20. Daniel F. Lafean,* Rep.....York
21. Charles F. Barclay,* Rep.....Sinnemahoning
22. George F. Huff,* Rep.....Greensburg
23. Allen F. Cooper,* Rep.....Uniontown
24. John K. Tener, Rep.....Charleroi
25. Arthur L. Bates,* Rep.....Meadville
26. A. Mitchell Palmer, Dem.....Stroudsburg
27. J. N. Langham, Rep.....Indiana
28. Nelson P. Wheeler,* Rep.....Endeavor
29. William H. Graham,* Rep.....Allegheny
30. John Dalzell,* Rep.....Pittsburg
31. James F. Burke,* Rep.....Pittsburg
32. Andrew J. Barchfield,* Rep.....Pittsburg

RHODE ISLAND.

1. William P. Sheffield, Rep.....Newport
2. Adin B. Capron,* Rep.....Stillwater

SOUTH CAROLINA.

1. George S. Legare,* Dem.....Charleston
2. James O. Patterson,* Dem.....Barnwell
3. Wyatt Aiken,* Dem.....Abbeville
4. Joseph T. Johnson,* Dem.....Spartansburg
5. David E. Finley,* Dem.....Yorkville
6. James E. Ellerbe,* Dem.....Marion
7. Asbury F. Lever,* Dem.....Lexington

SOUTH DAKOTA.

Charles H. Burke,† Rep.....Pierre
Eben W. Martin,† Rep.....Deadwood

TENNESSEE.

1. Z. D. Massey, Dem.....Sevierville
2. R. W. Austin, Rep.....Knoxville
3. John A. Moon,* Dem.....Chattanooga
4. Cordell Hull,* Dem.....Crossville
5. William C. Houston,* Dem.....Woodbury
6. J. W. Byrns, Dem.....Nashville
7. L. P. Padgett,* Dem.....Columbia
8. Thetus W. Sims,* Dem.....Linden
9. Finis J. Garrett,* Dem.....Dresden
10. George W. Gordon,* Dem.....Memphis

TEXAS.

1. Morris Shepard,* Dem.....Texarkana
2. Martin Dies, Dem.....Beaumont
3. R. M. Lively, Dem.....Tyler
4. Choice B. Randall,* Dem.....Sherman
5. Jack Beall,* Dem.....Waxahachie
6. Rufus Hardy,* Dem.....Corsicana
7. A. W. Gregg,* Dem.....Palestine
8. John M. Moore,* Dem.....Richmond
9. George F. Burgess,* Dem.....Gonzales
10. Albert S. Burleson,* Dem.....Austin
11. Robert L. Henry,* Dem.....Waco
12. Oscar W. Gillespie,* Dem.....Fort Worth
13. John H. Stephens,* Dem.....Vernon
14. James L. Slayden,* Dem.....San Antonio
15. John N. Garner,* Dem.....Uvalde
16. William R. Smith,* Dem.....Colorado

UTAH.

Joseph Howell,*† Rep.....Logan

VERMONT.

1. David J. Foster,* Rep.....Burlington
2. Frank Plumly, Rep.....Northfield

VIRGINIA.

1. William A. Jones,* Dem.....Warsaw
2. Harry L. Maynard,* Dem.....Portsmouth
3. John Lamb,* Dem.....Richmond
4. R. Turnbull, Dem.....
5. E. W. Saunders,* Dem.....Rocky Mount
6. Carter Glass,* Dem.....Lynchburg
7. James Hay,* Dem.....Madison
8. C. C. Carlin,* Dem.....Alexandria
9. C. Bascomb Slemp, Rep.....Big Stone Gap
10. Henry D. Flood,* Dem.....Appomattox

WASHINGTON.

1. William E. Humphrey,* Rep.....Seattle
2. William W. McCredie.....Vancouver
3. Miles Poindexter, Rep.....Spokane

WEST VIRGINIA.

1. William P. Hubbard,* Rep.....Wheeling
2. George C. Sturgiss,* Rep.....Morgantown
3. Joseph H. Gaines,* Rep.....Charleston
4. Harry C. Woodyard,* Rep.....Spencer
5. James A. Hughes,* Rep.....Huntington

WISCONSIN.

1. Henry A. Cooper,* Rep.....Racine
2. John M. Nelson,* Rep.....Madison
3. A. W. Kopp, Rep.....Platteville
4. William J. Cary,* Rep.....Milwaukee
5. William H. Stafford,* Rep.....Milwaukee
6. Charles H. Weisse,* Dem.....Sheboygan Falls
7. John J. Esch,* Rep.....LaCrosse
8. James H. Davidson,* Rep.....Oshkosh
9. Gustav Kustermann,* Rep.....Green Bay
10. Elmer A. Morse,* Rep.....Antigo
11. Irvine L. Lenroot, Rep.....Superior

WYOMING.

Frank W. Mondell,*† Rep.....Newcastle

TERRITORIAL DELEGATES.

Alaska—James Wickersham, Rep.....Fairbanks
Arizona—Ralph H. Cameron, Rep.....Flagstaff
New Mexico—W. H. Andrews, Rep.....Albuquerque
Hawaii—J. K. Kalaulanaole, Rep.....Waikiki
Porto Rico—Tulio Larrinaga.....San Juan
Philippines—Benito Legarda and Pablo O. DeLeon.....Manila

LIBRARY OF CONGRESS.

The library of congress was established in 1800 in the city of Washington, D. C. It was burned in 1814 and in 1851 lost 35,000 volumes by fire. The present library building, which cost $6,347,000, was opened to the public in November, 1897. It is located a short distance east of the capitol and is the largest and finest building of its kind in the world.

June 30, 1909, the library contained 1,702,685 books and pamphlets, 111,343 maps, 501,293 pieces of music and 303,036 photographs, prints, engravings and lithographs. The copyright office is a distinct division of the library with its own force of employes. The total number of employes in the library is 474 and the annual cost of maintenance is now about $925,000.

THE CAPITOL IN WASHINGTON.

The corner stone of the original capitol building was laid by President Washington Sept. 18, 1793. The north wing was finished in 1810 and the south wing in 1811, a wooden passageway connecting them. The original designs of the structure were made by Dr. William Thornton. The two wings were burned by the British in 1814, but were immediately restored. In 1827 the original building was completed at a cost of $2,433,844.13. Extensions of the wings were begun in 1851 and completed in 1859. The dome, which is 287 feet 5 inches in height, was completed in 1865. The capitol stands in latitude 38 degrees 53 minutes 20.4 seconds north and longitude 77 degrees 00 minutes 35.7 seconds west from Greenwich. The area covered by the building is 153,112 square feet.

PULSE AT DIFFERENT AGES.

Newborn infants, per minute	130 to 140	Seventh to fourteenth year, per minute	80 to 90
First year, per minute	115 to 130	In adult age, per minute	70 to 75
Second year, per minute	95 to 110	In old age, per minute	60 to 75
Third year, per minute	85 to 95		

Sixty-Second Congress.

From March 4, 1911, to March 3, 1913.

SENATE.

Republicans, 50; democrats, 42.

Compensation of senators, $7,500.

ALABAMA.

Joseph F. Johnston, Dem.....Birmingham..1915
John H. Bankhead, Dem.....Fayette..1919

ARKANSAS.

Jeff Davis, Dem.....Little Rock..1913
James P. Clarke, Dem.....Little Rock..1915

CALIFORNIA.

George C. Perkins, Rep.....Oakland..1915
John D. Works, Rep.....Los Angeles..1917

COLORADO.

Simon Guggenheim, Rep.....Denver..1913
A democrat.....1917

CONNECTICUT.

Frank B. Brandegee, Rep.....New London..1915
George P. McLean, Rep.....Simsbury..1917

DELAWARE.

Harry A. Richardson, Rep.....Dover..1913
Henry A. du Pont, Rep.....Winterthur..1917

FLORIDA.

Duncan U. Fletcher, Dem.....1915
William A. Blount, Dem.....Pensacola..1917

GEORGIA.

Augustus O. Bacon, Dem.....Macon..1913
A democrat.....1915

IDAHO.

William E. Borah, Rep.....Boise..1913
Weldon B. Heyburn, Rep.....Wallace..1915

ILLINOIS.

Shelby M. Cullom, Rep.....Springfield..1913
William Lorimer, Rep.....Chicago..1915

INDIANA.

Benjamin F. Shively, Dem.....South Bend..1915
John W. Kern, Dem.....Indianapolis..1917

IOWA.

A republican.....1913
Albert B. Cummins, Rep.....Des Moines..1915

KANSAS.

Charles Curtis, Rep.....Topeka..1913
Joseph L. Bristow, Rep.....Salina..1915

KENTUCKY.

Thomas H. Paynter, Dem.....Greenup..1913
William O. Bradley, Rep.....Louisville..1915

LOUISIANA.

Murphy J. Foster, Dem.....Franklin..1913
A democrat.....1915

MAINE.

William P. Frye, Rep.....Lewiston..1913
Charles F. Johnson, Dem.....Waterville..1917

MARYLAND.

John Walter Smith, Dem.....Snow Hill..1915
Isidor Rayner, Dem.....Baltimore..1917

MASSACHUSETTS.

Winthrop M. Crane, Rep.....Dalton..1913
Henry Cabot Lodge, Rep.....Nahant..1917

MICHIGAN.

William A. Smith, Rep.....Grand Rapids..1913
Charles E. Townsend, Rep.....Jackson..1917

MINNESOTA.

Knute Nelson, Rep.....Alexandria..1913
Moses E. Clapp, Rep.....St. Paul..1917

MISSISSIPPI.

Leroy Percy, Dem.....Greenville..1913
A democrat.....1917

MISSOURI.

William J. Stone, Dem.....St. Louis..1915
James A. Reed, Dem.....Kansas City..1917

MONTANA.

Joseph M. Dixon, Rep.....Missoula..1913
A democrat.....1917

NEBRASKA.

Norris Brown, Rep.....Lincoln..1913
Gilbert M. Hitchcock, Dem.....Omaha..1917

NEVADA.

Francis G. Newlands, Dem.....Reno..1915
George S. Nixon, Rep.....Reno..1917

NEW HAMPSHIRE.

Henry E. Burnham, Rep.....Manchester..1913
Jacob H. Gallinger, Rep.....Concord..1915

NEW JERSEY.

Frank O. Briggs, Rep.....Trenton..1913
James E. Martine, Dem.....Plainfield..1917

NEW YORK.

Elihu Root, Rep.....New York..1915
A democrat.....1917

NORTH CAROLINA.

F. M. Simmons, Dem.....Raleigh..1913
Lee S. Overman, Dem.....Salisbury..1915

NORTH DAKOTA.

Porter J. McCumber, Rep.....Wahpeton..1917
Asle J. Gronna, Rep.....Lakota..1915

OHIO.

Theodore E. Burton, Rep.....Cleveland..1915
Atlee Pomerene, Dem.....Canton..1917

OKLAHOMA.

Robert L. Owen, Dem.....Muskogee..1913
Thomas P. Gore, Dem.....Lawton..1915

OREGON.

Jonathan Bourne, Rep.....Portland..1913
George E. Chamberlain, Dem.....Portland..1915

PENNSYLVANIA.

Boies Penrose, Rep.....Philadelphia..1915
George T. Oliver, Rep.....Pittsburg..1917

RHODE ISLAND.

George P. Wetmore, Rep.....Newport..1913
Henry F. Lippitt, Rep.....Providence..1917

SOUTH CAROLINA.

Benjamin R. Tillman, Dem.....Trenton..1913
Ellison D. Smith, Dem.....Florence..1915

SOUTH DAKOTA.

Robert J. Gamble, Rep.....Yankton..1913
Coe I. Crawford, Rep.....Pierre..1915

TENNESSEE.

Robert L. Taylor, Dem.....Nashville..1913
Luke Lea, Ind. Dem.....Nashville..1917

TEXAS.

Joseph W. Bailey, Dem.....Gainesville..1913
Charles S. Culberson, Dem.....Dallas..1917

UTAH.

Reed Smoot, Rep.....Provo..1915
George Sutherland, Rep.....Salt Lake City..1917

VERMONT.

William P. Dillingham, Rep.....Montpelier..1915
A republican.....1917

VIRGINIA.

Thomas S. Martin, Dem.....Scottsburg..1913
A democrat.....1917

WASHINGTON.

Wesley L. Jones, Rep.....North Yakima..1915
Miles Poindexter, Rep.....Spokane..1917

WEST VIRGINIA.

Clarence W. Watson, Dem.....Fairmont..1913
William E. Chilton, Dem.....Charleston..1917

WISCONSIN.

Isaac Stephenson, Rep.....Marinette..1915
Robert M. LaFollette, Rep.....Madison..1917

WYOMING.

Francis E. Warren, Rep.....Cheyenne..1913
Clarence D. Clark, Rep.....Evanston..1917

HOUSE OF REPRESENTATIVES.

Democrats, 227; republicans, 163; socialist, 1. Those marked with a star (*) served in the 61st congress. †At large. Compensation of representatives $7,500; of speaker, $12,000.

ALABAMA.

1. George W. Taylor,* Dem.....Demopolis
2. S. H. Dent,* Dem.....Montgomery
3. Henry D. Clayton,* Dem.....Eufaula
4. Fred L. Blackmon, Dem.....Anniston
5. James Thomas Heflin,* Dem.....Lafayette
6. Richard P. Hobson,* Dem.....Greensboro
7. J. L. Burnett,* Dem.....Gadsden
8. William Richardson,* Dem.....Huntsville
9. O. W. Underwood,* Dem.....Birmingham

ARKANSAS.

1. Robert B. Bacon,* Dem.....Helena
2. William A. Oldfield,* Dem.....Batesfield
3. John C. Floyd,* Dem.....Yellville
4. W. B. Cravens,* Dem.....Fort Smith
5. H. M. Jacoway, Dem.....Dardanelle
6. Joseph T. Robinson,* Dem.....Lonoke
7. W. S. Goodwin, Dem.....Warren

CALIFORNIA.

1. John E. Baker, Dem.....Alturas
2. William Kent, Rep.....Kentfield
3. Joseph R. Knowland,* Rep.....Alameda
4. Walter McArthur, Dem.....San Francisco
5. Everis A. Hayes,* Rep.....San Jose
6. James C. Needham,* Rep.....Modesto
7. William D. Stephens, Rep.....Los Angeles
8. Sylvester C. Smith,* Rep.....Bakersfield

COLORADO.

Edward T. Taylor,*† Dem....Glenwood Springs
1. A. W. Rucker,* Dem.....Rucker Ridge
2. John A. Martin,* Dem.....Pueblo

CONNECTICUT.

John Q. Tilson,*† Rep.....New Haven
1. E. Stevens Henry,* Rep.....Rockville
2. Thomas L. Reilly, Dem.....New Haven
3. Edwin W. Higgins,* Rep.....Norwich
4. Ebenezer J. Hill,* Rep.....Norwalk

DELAWARE.

William H. Heald,†* Rep.....Wilmington

FLORIDA.

1. Stephen M. Sparkman,* Dem.....Tampa
2. Frank Clark,* Dem.....Gainesville
3. D. H. Mays,* Dem.....Monticello

GEORGIA.

1. Charles G. Edwards,* Dem.....Savannah
2. S. A. Roddenbery,* Dem.....Thomasville
3. Dudley M. Hughes,* Dem.....Danville
4. William C. Adamson,* Dem.....Carrollton
5. William S. Howard, Dem.....Decatur
6. Charles L. Bartlett,* Dem.....Macon
7. Gordon Lee,* Dem.....Chickamauga
8. Samuel J. Tribble, Dem.....Athens
9. Thomas M. Bell,* Dem.....Gainesville
10. Thomas W. Hardwick,* Dem.....Sandersville
11. William G. Brantley,* Dem.....Brunswick

IDAHO.

Burton L. French,† Rep.....Moscow

ILLINOIS.

1. Martin B. Madden,* Rep.....Chicago
2. James R. Mann,* Rep.....Chicago
3. William W. Wilson,* Rep.....Chicago
4. James T. McDermott,* Dem.....Chicago
5. Adolph J. Sabath,* Dem.....Chicago
6. Edmund J. Stack, Dem.....Chicago
7. Frank Buchanan, Dem.....Chicago
8. Thomas Gallagher,* Dem.....Chicago
9. Lynden Evans, Dem.....Chicago
10. George E. Foss,* Rep.....Chicago
11. Ira C. Copley, Rep.....Aurora
12. Charles E. Fuller,* Rep.....Belvidere
13. John C. McKenzie, Rep.....Elizabeth
14. James McKinney,* Rep.....Aledo
15. George W. Prince,* Rep.....Galesburg
16. Claude U. Stone, Dem.....Peoria
17. John A. Sterling,* Rep.....Bloomington
18. Joseph G. Cannon,* Rep.....Danville
19. William B. McKinley,* Rep.....Champaign
20. Henry T. Rainey,* Dem.....Carrollton
21. James M. Graham,* Dem.....Springfield
22. William A. Rodenberg,* Rep.....East St. Louis
23. Martin D. Foster,* Dem.....Olney
24. H. Robert Fowler, Dem.....Elizabethtown
25. N. B. Thistlewood,* Rep.....Cairo

INDIANA.

1. John W. Boehne,* Dem.....Evansville
2. William A. Cullop,* Dem.....Vincennes
3. William E. Cox,* Dem.....Jasper
4. Lincoln Dixon,* Dem.....North Vernon
5. Ralph W. Moss,* Dem.....Center Point
6. Finley Gray, Dem.....Connersville
7. Charles A. Korbly,* Dem.....Indianapolis
8. John A. M. Adair,* Dem.....Portland
9. Martin A. Morrison,* Dem.....Frankfort
10. Edgar D. Crumpacker,* Rep.....Valparaiso
11. George W. Rauch,* Dem.....Marion
12. Cyrus Cline,* Dem.....Angola
13. Henry A. Barnhart,* Dem.....Rochester

IOWA.

1. Charles A. Kennedy,* Rep.....Montrose
2. I. S. Pepper, Dem.....Muscatine
3. Charles E. Pickett,* Rep.....Waterloo
4. Gilbert N. Haugen,* Rep.....Northwood
5. James W. Good,* Rep.....Cedar Rapids
6. Nathan E. Kendall,* Rep.....Albia
7. Solomon F. Prouty, Rep.....Des Moines
8. Horace M. Towner, Rep.....Corning
9. Walter I. Smith,* Rep.....Council Bluffs
10. Frank P. Woods,* Rep.....Estherville
11. Elbert H. Hubbard,* Rep.....Sioux City

KANSAS.

1. D. R. Anthony, Jr.,* Rep.....Leavenworth
2. A. C. Mitchell, Rep.....Lawrence
3. P. P. Campbell,* Rep.....Pittsburg
4. F. S. Jackson, Rep.....Eureka
5. R. R. Rees, Rep.....Minneapolis
6. I. D. Young, Rep.....Beloit
7. E. H. Madison,* Rep.....Dodge City
8. Victor Murdock,* Rep.....Wichita

KENTUCKY.

1. Ollie M. James,* Dem.....Montrose
2. Augustus O. Stanley,* Dem.....Henderson
3. R. Y. Thomas,* Dem.....Central City
4. Ben Johnson,* Dem.....Bardstown
5. Swager Sherley,* Dem.....Louisville
6. Arthur B. Rouse, Dem.....Burlington
7. J. Campbell Cantrill,* Dem.....Georgetown
8. Harvey Helm,* Dem.....Stanford
9. W. J. Fields, Dem.....McGlone
10. John W. Langley,* Rep.....Spurlock
11. Caleb Powers, Rep.....Barbourville

LOUISIANA.

1. Albert Estopinal, Dem.....St. Bernard
2. H. Garland Dupre, Dem.....New Orleans
3. Robert F. Broussard, Dem.....New Iberia
4. J. T. Watkins, Dem.....Minden
5. J. E. Ransdell, Dem.....Lake Providence
6. Robert C. Wickliffe, Dem.....St. Francisville
7. Arsene P. Pujo, Dem.....Lake Charles

MAINE.

1. Asher C. Hinds, Rep.....Portland
2. Daniel J. McGillicuddy, Dem.....Lewiston
3. Samuel W. Gould, Dem.....Skowhegan
4. Frank E. Guernsey,* Rep.....Dover

MARYLAND.

1. J. Harry Covington,* Dem.....Easton
2. J. F. C. Talbott,* Dem.....Lutherville
3. George Konig, Dem.....Baltimore
4. J. Charles Linthicum, Dem.....Baltimore
5. Thomas Parran, Rep.....St. Leonard
6. David J. Lewis, Dem.....Cumberland

MASSACHUSETTS.

1. George P. Lawrence,* Rep.....North Adams
2. Frederick H. Gillett,* Rep.....Springfield
3. John A. Thayer, Dem.....Worcester
4. William H. Wilder, Rep.....Gardner
5. Butler Ames,* Rep.....Lowell

6. Augustus P. Gardner,* Rep.....Hamilton
7. Ernest W. Roberts,* Rep.....Chelsea
8. Samuel W. McCall.* Rep.....Winchester
9. William F. Murray, Dem.....Boston
10. James M. Curley, Dem.....Boston
11. Andrew J. Peters, Dem.....Boston
12. John W. Weeks,* Rep.....Newton
13. William S. Greene,* Rep.....Fall River
14. Robert O. Harris, Rep.....East Bridgewater

MICHIGAN.

1. Frank F. Doremus, Dem.....Detroit
2. William W. Wedemeyer, Rep.....Ann Arbor
3. John M. C. Smith, Rep.....Charlotte
4. Edward L. Hamilton,* Rep.....Niles
5. Edwin F. Sweet, Dem.....Grand Rapids
6. Samuel W. Smith,* Rep.....Pontiac
7. Henry McMorran,* Rep.....Port Huron
8. Joseph W. Fordney,* Rep.....Saginaw
9. James C. McLaughlin,* Rep.....Muskegon
10. George A. Loud,* Rep.....Au Sable
11. Francis H. Dodds,* Rep.....Mount Pleasant
12. H. Olin Young,* Rep.....Ishpeming

MINNESOTA.

1. Sydney Anderson, Rep.....Lanesboro
2. Winfield S. Hammond,* Dem.....St. James
3. Charles R. Davis,* Rep.....St. Peter
4. Fred C. Stevens,* Rep.....St. Paul
5. Frank M. Nye,* Rep.....Minneapolis
6. Charles A. Lindbergh,* Rep.....Little Falls
7. Andrew J. Volstead,* Rep.....Granite Falls
8. Clarence B. Miller,* Rep.....Duluth
9. Halvor Steenerson,* Rep.....Crookston

MISSISSIPPI.

1. Ezekiel S. Candler, Jr.,* Dem.....Corinth
2. H. D. Stephens, Dem.....New Albany
3. Benjamin G. Humphreys,* Dem.....Greenville
4. Thomas U. Sisson,* Dem.....Winona
5. S. A. Witherspoon, Dem.....Meridian
6. B. P. Harrison, Dem.....Gulfport
7. William A. Dickson,* Dem.....Centerville
8. James W. Collier,* Dem.....Vicksburg

MISSOURI.

1. James T. Lloyd,* Dem.....Shelbyville
2. William W. Rucker,* Dem.....Keytesville
3. Joshua W. Alexander,* Dem.....Gallatin
4. Charles F. Booher,* Dem.....Savannah
5. William P. Borland,* Dem.....Kansas City
6. C. C. Dickinson, Dem.....Clinton
7. Courtney W. Hamlin,* Dem.....Springfield
8. D. W. Shackleford,* Dem.....Jefferson City
9. Champ Clark,* Dem.....Bowling Green
10. Richard Bartholdt,* Rep.....St. Louis
11. Theron F. Catlin, Rep.....St. Louis
12. L. C. Dyer, Rep.....St. Louis
13. Walter L. Hensley, Dem.....Farmington
14. Joseph J. Russell, Dem.....Charleston
15. J. A. Daugherty, Dem.....Webb City
16. Thomas L. Rubey, Dem.....Lebanon

MONTANA.

Charles N. Pray,*† Rep.....Fort Benton

NEBRASKA.

1. John A. Maguire,* Dem.....Lincoln
2. C. O. Lobeck, Dem.....Omaha
3. James P. Latta,* Dem.....Tekamah
4. Charles H. Sloan, Rep.....Geneva
5. George W. Norris,* Rep.....McCook
6. Moses P. Kinkaid,* Rep.....O'Neill

NEVADA.

E. E. Roberts,† Rep.....Carson City

NEW HAMPSHIRE.

1. Cyrus A. Sulloway,* Rep.....Manchester
2. Frank D. Currier,* Rep.....Canaan

NEW JERSEY.

1. H. C. Loudenslager,* Rep.....Paulsboro
2. John J. Gardner,* Rep.....Atlantic City
3. Thomas J. Scully, Dem.....Perth Amboy
4. Ira W. Wood,* Rep.....Trenton
5. William E. Tuttle, Jr.,* Dem.....Westfield
6. William Hughes,* Dem.....Paterson
7. Edward W. Townsend, Dem.....Montclair
8. Walter I. McCoy, Dem.....South Orange
9. Eugene F. Kinkead,* Dem.....Jersey City
10. James A. Hamill,* Dem.....Jersey City

NEW YORK.

1. Martin W. Littleton, Dem.....Port Washington
2. George H. Lindsay,* Dem.....Brooklyn
3. James Maher, Dem.....Brooklyn
4. Frank E. Wilson, Dem.....Brooklyn
5. William H. Redfield, Dem.....Brooklyn
6. William M. Calder,* Rep.....Brooklyn
7. John J. Fitzgerald,* Dem.....Brooklyn
8. Daniel J. Riordan,* Dem.....New York
9. Henry M. Goldfogle,* Dem.....New York
10. William Sulzer,* Dem.....New York
11. Charles V. Fornes,* Dem.....New York
12. Michael F. Conroy,* Dem.....New York
13. Jefferson M. Levy, Dem.....New York
14. John J. Kindred, Dem.....New York
15. Thomas G. Patten, Dem.....New York
16. Francis B. Harrison,* Dem.....New York
17. Henry George, Jr., Dem.....New York
18. Stephen B. Ayres, Dem.....New York
19. John E. Andrus,* Rep.....Yonkers
20. Thomas W. Bradley,* Rep.....Walden
21. Richard E. Connell, Dem.....Poughkeepsie
22. William H. Draper,* Rep.....Troy
23. Henry S. De Forest, Rep.....Schenectady
24. George W. Fairchild,* Rep.....Oneonta
25. Cyrus Durey,* Rep.....Johnstown
26. George Malby,* Rep.....Ogdensburg
27. Charles A. Talcott, Dem.....Utica
28. Luther W. Mott, Rep.....Oswego
29. Michael E. Driscoll,* Rep.....Syracuse
30. John W. Dwight,* Rep.....Dryden
31. Sereno E. Payne,* Rep.....Auburn
32. Henry G. Danforth, Rep.....Rochester
33. Edwin S. Underhill, Dem.....Bath
34. James S. Simmons,* Rep.....Niagara Falls
35. Samuel A. Driscoll,* Dem.....Buffalo
36. Charles B. Smith, Dem.....Buffalo
37. Edward B. Vreeland,* Rep.....Buffalo

NORTH CAROLINA.

1. John H. Small,* Dem.....Washington
2. Claude Kitchin,* Dem.....Scotland Neck
3. John M. Faison, Dem.....Faison
4. Edward W. Pou,* Dem.....Smithfield
5. Charles M. Stedman, Dem.....Greensboro
6. H. L. Godwin,* Dem.....Dunn
7. Robert N. Page,* Dem.....Bisco
8. R. L. Doughton, Dem.....North Wilkesboro
9. Edwin Y. Webb,* Dem.....Shelby
10. James M. Gudger, Jr., Dem.....Asheville

NORTH DAKOTA.

L. B. Hanna,†* Rep.....Fargo
H. T. Helgesen,† Rep.....Milton

OHIO.

1. Nicholas Longworth,* Rep.....Cincinnati
2. Alfred G. Allen, Jr., Dem.....Cincinnati
3. James Cox,* Dem.....Dayton
4. J. Henry Goeke, Dem.....Wapakoneta
5. T. T. Ansberry,* Dem.....Defiance
6. Matthew P. Denver,* Dem.....Wilmington
7. J. D. Post, Dem.....Washington C. H.
8. Frank B. Willis, Rep.....Ada
9. Isaac R. Sherwood,* Dem.....Toledo
10. Robert M. Switzer, Rep.....Gallipolis
11. Horatio C. Claypool, Dem.....Chillicothe
12. Edward L. Taylor, Jr.,* Rep.....Columbus
13. Carl C. Anderson,* Dem.....Fostoria
14. William G. Sharp,* Dem.....Elyria
15. George White, Dem.....Marietta
16. W. B. Francis, Dem.....Martins Ferry
17. W. A. Ashbrook,* Dem.....Johnstown
18. John J. Whitacre, Dem.....Canton
19. Ellsworth R. Battrick, Dem.....Akron
20. Paul Howland,* Rep.....Cleveland
21. Robert Buckley, Dem.....Cleveland

OKLAHOMA.

1. Bird S. McGuire,* Rep.....Pawnee
2. Dick T. Morgan,* Rep.....Woodward
3. James S. Davenport, Dem.....Vinita
4. Charles D. Carter,* Dem.....Ardmore
5. Scott Ferris,* Dem.....Lawton

OREGON.

1. Willis C. Hawley,* Rep.....Salem
2. A. W. Lafferty, Rep.....Portland

PENNSYLVANIA.

1. Henry H. Bingham,* Rep.....Philadelphia
2. (Vacancy.)

3. J. Hampton Moore,* Rep.....Philadelphia
4. Reuben O. Moon,* Rep.....Philadelphia
5. Michael Donohoe, Dem.....Philadelphia
6. George D. McCreary,* Rep.....Philadelphia
7. Thomas S. Butler,* Rep.....West Chester
8. R. E. Defenderfer, Dem.....Ashbourne
9. William W. Griest,* Rep.....Lancaster
10. John R. Farr, Rep.....Scranton
11. Charles C. Bowman, Rep.....Pittston
12. Robert E. Lee, Dem.....Pottsville
13. John H. Rothermel,* Dem.....Reading
14. George W. Kipp, Dem.....Towanda
15. William B. Wilson,* Dem.....Blossburg
16. John G. McHenry,* Rep.....Benton
17. Benjamin K. Focht,* Rep.....Lewisburg
18. Marlin E. Olmsted,* Rep.....Harrisburg
19. Jesse L. Hartman, Rep.....Hollidaysburg
20. Daniel F. Lafean,* Rep.....York
21. Charles E. Patton, Rep.....Curwensville
22. Curtis H. Gregg, Dem.....Greensburg
23. Thomas S. Crago, Rep.....Waynesburg
24. Charles Matthews, Rep.....New Castle
25. Arthur L. Bates,* Rep.....Meadville
26. A. Mitchell Palmer,* Dem.....Stroudsburg
27. J. N. Langham,* Rep.....Indiana
28. Peter M. Speer, Rep.....Oil City
29. Stephen G. Porter, Rep.....Pittsburg
30. John Dalzell,* Rep.....Pittsburg
31. James F. Burke,* Rep.....Pittsburg
32. A. J. Barchfield,* Rep.....Pittsburg

RHODE ISLAND.

1. George F. O'Shaughnessy, Dem.....Newport
2. George H. Utter, Rep.....Providence

SOUTH CAROLINA.

1. George S. Legare,* Dem.....Charleston
2. James F. Byrnes, Dem.....Aiken
3. Wyatt Aiken,* Dem.....Abbeville
4. Joseph T. Johnson,* Dem.....Spartanburg
5. D. E. Finley,* Dem.....Yorkville
6. J. E. Ellerbee,* Dem.....Marion
7. A. F. Lever,* Dem.....Lexington

SOUTH DAKOTA.

Charles H. Burke,†* Rep.....Pierre
Eben W. Martin,†* Rep.....Deadwood

TENNESSEE.

1. Sam R. Sells, Rep.....Johnson City
2. Richard W. Austin,* Rep.....Knoxville
3. John A. Moon,* Dem.....Chattanooga
4. Cordell Hull,* Dem.....Carthage
5. William C. Houston,* Dem.....Woodbury
6. Joseph W. Byrns,* Dem.....Nashville
7. Lemuel P. Padgett,* Dem.....Columbia
8. Thetus W. Sims,* Dem.....Linden
9. Finis J. Garrett,* Dem.....Dresden
10. George W. Gordon,* Dem.....Memphis

TEXAS.

1. Morris Shepard,* Dem.....Texarkana
2. Martin Dies,* Dem.....Beaumont
3. James Young, Dem.....Kaufman
4. Choice B. Randell,* Dem.....Sherman
5. Jack Beall,* Dem.....Waxahachie
6. Rufus Hardy,* Dem.....Corsicana
7. Alexander W. Gregg,* Dem.....Palestine
8. John W. Moore,* Dem.....Richmond
9. George F. Burgess,* Dem.....Gonzales
10. Albert S. Burleson,* Dem.....Austin
11. Robert L. Henry,* Dem.....Waco
12. Oscar Calloway, Dem.....Comanche
13. John H. Stephens,* Dem.....Vernon
14. James L. Slayden,* Dem.....San Antonio
15. John N. Garner,* Dem.....Uvalde
16. William R. Smith,* Dem.....Colorado

UTAH.

Joseph Howell,*† Rep.....Logan

VERMONT.

1. David J. Foster,* Rep.....Burlington
2. Frank Plumly,* Rep.....Northfield

VIRGINIA.

1. William A. Jones,* Dem.....Warsaw
2. E. E. Holland, Dem.....Portsmouth
3. John Lamb,* Dem.....Richmond
4. Robert Turnbull,* Dem.....Lawrenceville
5. E. W. Saunders,* Dem.....Rocky Mount
6. Carter Glass,* Dem.....Lynchburg
7. James Hay,* Dem.....Madison
8. C. C. Carlin,* Dem.....Alexandria
9. C. Bascomb Slemp,* Rep.....Big Stone Gap
10. Henry D. Flood,* Dem.....Appomattox

WASHINGTON.

1. W. E. Humphrey,* Rep.....Seattle
2. Stanton Warburton, Rep.....Tacoma
3. W. L. LaFollette, Rep.....Pullman

WEST VIRGINIA.

1. John W. Davis, Dem.....Clarksburg
2. William C. Brown, Dem.....Kingwood
3. Adam C. Littlepage, Dem.....Charleston
4. John M. Hamilton, Dem.....Grantsville
5. James A. Hughes,* Rep.....Huntington

WISCONSIN.

1. Henry A. Cooper,* Rep.....Racine
2. John M. Nelson,* Rep.....Madison
3. A. W. Kopp,* Rep.....Platteville
4. William J. Cary,* Rep.....Milwaukee
5. Victor L. Berger, Soc. Dem.....Milwaukee
6. Michael E. Burke, Dem.....Beaver Dam
7. John J. Esch,* Rep.....LaCrosse
8. James H. Davidson,* Rep.....Oshkosh
9. Thomas W. Konap, Dem.....Kewaunee
10. Elmer A. Morse,* Rep.....Antigo
11. Irvine L. Lenroot,* Rep.....Superior

WYOMING.

Frank W. Mondell,†* Rep.....Newcastle

TERRITORIAL DELEGATES.

New Mexico—W. H. Andrews, Rep.....Albuquerque
Arizona—Ralph H. Cameron, Rep.....Flagstaff

OCCURRENCES DURING PRINTING.

The following events occurred after many of the forms of the present edition of The Daily News Almanac and Year-Book had gone to press:

Orinoco Decision—The Hague arbitration court, Oct. 25, 1910, decided in favor of the Orinoco Steamship company in its claims for damages against Venezuela for violation of a contract. The company was awarded $46,867, with 3 per cent interest since June 16, 1903, and $7,000 costs.

Arbitration for America—Senator Elihu Root of New York was appointed permanent arbitrator representing America at The Hague, Dec. 3, 1910, succeeding Chief Justice Fuller, deceased.

Solicitor-General—Frederick W. Lehmann of St. Louis was appointed solicitor-general of the United States Dec. 3, 1910, succeeding Lloyd W. Bowers, deceased

Japanese Antarctic Expedition—The Japanese antarctic expedition under Lieut. Shirase left Yokohama Nov. 28, 1910, on the 150-ton schooner Kainan Maru.

British Elections—The British parliament was dissolved Nov. 28 and new elections began at once. Up to Dec. 15 the liberal government coalition had elected 331 members and the unionist opposition 251. The dissolution was caused by the failure of the parliamentary leaders to agree upon a compromise between the house of lords and the house of commons with respect to the veto power of the former.

Campaign Costs—The republican congressional campaign committee spent $74,373 and the democratic committee $27,771 in the congressional campaign of 1910. Reports were filed by both committees Dec. 8 in accordance with the campaign fund publicity law.

STOCKYARDS FIRE CALAMITY.

Twenty-four men were crushed to death under a falling wall at a fire in Morris & Co.'s meat storage house in the Union stockyards, Chicago, early on the morning of Dec. 22, 1910. The victims included Fire Marshal James Horan, Second Assistant Fire Marshal William J. Burroughs, twenty other city firemen, a private foreman and a railway clerk. The disaster was caused by an explosion due to hot air expansion. The money loss was $750,000.

APPORTIONMENT OF REPRESENTATIVES.

Under each census since the formation of the government.

STATE.	Admitted.	Constitution, Ratio 30,000.	1st census. Ratio 33,000.	2d census. Ratio 33,000.	3d census. Ratio 35,000.	4th census. Ratio 40,000.	5th census. Ratio 47,700.	6th census. Ratio 70,680.	7th census. Ratio 93,423.	8th census. Ratio 127,381.	9th census. Ratio 131,425.	10th census Ratio 151,911.	11th census Ratio 173,901.	12th census Ratio 194,182.
Alabama	1819	.....	.....	.....	.....	3	5	7	7	6	8	8	9	9
Arkansas	1836	.....	.....	.....	.....	.....	.....	1	2	3	4	5	6	7
California	1850	.....	.....	.....	.....	.....	.....	.....	2	3	4	6	7	8
Colorado	1876	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2	3
Connecticut	.....	5	7	7	7	6	6	4	4	4	4	4	4	5
Delaware	.....	1	1	1	2	1	1	1	1	1	1	1	1	1
Florida	1845	.....	.....	.....	.....	.....	.....	.....	1	1	2	2	2	3
Georgia	.....	3	2	4	6	7	9	8	8	7	9	10	11	11
Idaho	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
Illinois	1818	.....	.....	.....	.....	1	3	7	9	14	19	20	22	25
Indiana	1816	.....	.....	.....	.....	3	7	10	11	11	13	13	13	13
Iowa	1846	.....	.....	.....	.....	.....	.....	.....	2	6	9	11	11	11
Kansas	1861	.....	.....	.....	.....	.....	.....	.....	.....	1	3	7	8	8
Kentucky	1792	.....	2	6	10	12	13	10	10	9	10	11	11	11
Louisiana	1812	.....	.....	.....	.....	3	3	4	4	5	6	6	6	7
Maine	1820	.....	.....	.....	.....	7	8	7	6	5	5	4	4	4
Maryland	.....	6	8	9	9	9	8	6	6	5	6	6	6	6
Massachusetts	.....	8	14	17	20	13	12	10	11	10	11	12	13	14
Michigan	1837	.....	.....	.....	.....	.....	.....	.....	3	4	6	9	11	12
Minnesota	1858	.....	.....	.....	.....	.....	.....	.....	.....	2	2	3	5	7	9
Mississippi	1817	.....	.....	.....	.....	1	2	4	5	5	6	7	7	8
Missouri	1821	.....	.....	.....	.....	1	2	5	7	9	13	14	15	16
Montana	1889	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
Nebraska	1867	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	6	6
Nevada	1864	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1
New Hampshire	.....	3	4	5	5	6	5	4	3	3	3	2	2	2
New Jersey	.....	4	5	6	6	6	6	5	5	5	7	7	8	10
New York	.....	6	10	17	27	34	40	34	33	31	33	34	34	37
North Carolina	.....	5	10	12	13	13	13	9	8	7	8	9	9	10
North Dakota	1889	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2
Ohio	1802	.....	.....	.....	6	14	19	21	21	19	20	21	21	21
Oklahoma	1907	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Oregon	1859	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	2	2
Pennsylvania	.....	8	13	18	23	26	28	24	25	24	27	28	30	32
Rhode Island	.....	1	2	2	2	2	2	2	2	2	2	2	2	2
South Carolina	.....	5	6	8	9	9	9	7	6	4	5	7	7	7
South Dakota	1889	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2
Tennessee	1796	.....	.....	3	6	9	13	11	10	8	10	10	10	10
Texas	1845	.....	.....	.....	.....	.....	.....	.....	2	4	6	11	13	16
Utah	1895	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
Vermont	1791	.....	2	4	5	5	5	4	3	3	3	2	2	2
Virginia	.....	10	19	22	23	22	21	15	13	11	9	10	10	10
Washington	1889	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3
West Virginia	1863	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4	4	5
Wisconsin	1848	.....	.....	.....	.....	.....	.....	.....	3	6	8	9	10	11
Wyoming	1890	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
Total	.....	65	105	141	181	213	240	223	237	243	293	332	357	391

SPEAKERS OF THE HOUSE.

CONGRESS.	Years.	Name.	State.	Born	Died	CONGRESS.	Years.	Name.	State.	Born	Died
1	1789-91	F. A. Muhlenberg	Pa.	1750	1801	29	1845-47	J. W. Davis	Ind.	1799	1850
2	1791-93	J. Trumbull	Conn.	1740	1809	30	1847-49	R. C. Winthrop	Mass.	1809	1894
3	1793-95	F. A. Muhlenberg	Pa.	1750	1801	31	1849-51	Howell Cobb	Ga.	1815	1868
4-5	1795-99	Jonathan Dayton	N. J.	1760	1824	32-33	1851-55	Linn Boyd	Ky.	1800	1859
6	1799-01	Theodore Sedgwick	Mass.	1746	1813	34	1855-57	N. P. Banks	Mass.	1816	1894
7-9	1801-07	Nathaniel Macon	N. C.	1757	1837	35	1857-59	James L. Orr	S. C.	1822	1873
10-11	1807-11	J. B. Varnum	Mass.	1750	1821	36	1859-61	W. Pennington	N. J.	1796	1862
12-13	1811-14	Henry Clay	Ky.	1777	1852	37	1861-63	G. A. Grow	Pa.	1823	1907
13	1813-15	Langdon Cheves	S. C.	1776	1857	38-40	1863-69	S. Colfax	Ind.	1823	1885
14-16	1815-20	Henry Clay	Ky.	1777	1852	41-43	1869-75	J. G. Blaine	Me.	1830	1893
16	1820-21	J. W. Taylor	N. Y.	1784	1854	44	1875-76	M. C. Kerr	Ind.	1827	1876
17	1821-23	P. P. Barbour	Va.	1783	1841	44-46	1876-81	S. J. Randall	Pa.	1828	1890
18	1823-25	Henry Clay	Ky.	1777	1852	47	1881-83	J. W. Keifer	O.	1836	....
19	1825-27	J. W. Taylor	N. Y.	1784	1854	48-50	1883-89	J. G. Carlisle	Ky.	1835	1910
20-23	1827-34	A. Stevenson	Va.	1784	1857	51	1889-91	Thomas B. Reed	Me.	1839	1902
23	1834-35	John Bell	Tenn.	1797	1869	52-53	1891-95	C. F. Crisp	Ga.	1845	1896
24-25	1835-39	James K. Polk	Tenn.	1795	1849	54-55	1895-99	Thomas B. Reed	Me.	1839	1902
26	1839-41	R. M. T. Hunter	Va.	1809	1887	56-57	1899-03	D. B. Henderson	Iowa	1840	1906
27	1841-43	John White	Ky.	1805	1845	58-61	1903-10	J. G. Cannon	Ill.	1836	....
28	1843-45	J. W. Jones	Va.	1805	1848						

COAST LINE OF THE UNITED STATES.

In nautical miles.

Atlantic coast	1,773	Hawaiian islands	628	Western rivers	4,344
Gulf coast	1,607	Guam	80	Total	17,539
Porto Rico	269	Midway	20	Philippines	11,444
Pacific coast	1,571	Samoan islands	83		
Alaska	4,123	Northern lakes and rivers	3,041	Grand total	28,983

United States Diplomatic and Consular Service.

DIPLOMATIC SERVICE--DEC. 1, 1910.

Explanation—A. E. and P., ambassador extraordinary and plenipotentiary; E. E. and M. P., envoy extraordinary and minister plenipotentiary; M. R., minister resident; M. R. and C.-G., minister resident and consul-general.

Country.	Representative.	Location.	Appointed from.	Salary.
Abyssinia	— — ——, M. R. & C.-G.	Adis Ababa		
Argentine Republic	Chas. H. Sherrill, E. E. & M. P.	Buenos Aires	New York..	$12,000
	R. W. Bliss, Sec. of Leg.	Buenos Aires	New York..	2,625
Austria-Hungary	Richard C. Kerens, A. E. & P.	Vienna	Missouri..	17,500
	George B. Rives, Sec. of Emb.	Vienna	New Jersey..	3,000
	N. O'Shaughnessy, 2d S. of Emb.	Vienna	New York..	2,000
	Lieut.-Com. A. T. Long, Nav. Att.	Vienna	Navy..	.....
	Maj. Wm. H. Allaire, Mil. Att.	Vienna	Army..	.....
Belgium	Charles P. Bryan, E. E. & M. P.	Brussels	Illinois..	12,000
	U. G. Smith, Sec. of Leg.	Brussels	Pennsylvania..	2,625
Bolivia	Horace G. Knowles, E. E. & M. P.	LaPaz	Delaware..	10,000
	Alexander Benson, Sec. of Leg.	LaPaz	Pennsylvania..	2,000
Brazil	Irving B. Dudley, A. E. & P.	Rio de Janeiro	California..	17,500
	— — ——, Sec. of Emb.	Rio de Janeiro		3,000
Bulgaria	John R. Carter, E. E. & M. P.	Bucharest	Maryland..	10,000
Chile	Henry P. Fletcher, E. E. & M. P.	Santiago	Pennsylvania..	12,000
	S. L. Pierrepont, Sec. of Leg.	Santiago	Connecticut..	2,625
China	William J. Calhoun, E. E. & M. P.	Pekin	Illinois..	12,000
	Lewis Einstein, Sec. of Leg.	Pekin	New York..	2,625
	P. Heintzlemann, 2d Sec. of Leg.	Pekin	Pennsylvania..	1,800
	Capt. J. H. Shipley, Nav. Att.	Pekin	Navy..	.....
	Charles D. Tenney, Chinese Sec.	Pekin	Massachusetts..	3,600
	Capt. J. H. Reeves, Mil. Att.	Pekin	Army..	.....
Colombia	Elliott Northcott, E. E. & M. P.	Bogota	West Virginia..	10,000
	Arthur H. Frazier, Sec. of Leg.	Bogota	Pennsylvania..	2,000
Costa Rica and Nicaragua	W. L. Merry, E. E. and M. P.	San Jose	California..	10,000
	G. L. Monroe, Sec. of Leg.	San Jose	Mississippi..	2,000
Cuba	John B. Jackson, E. E. & M. P.	Havana	New Jersey..	12,000
	Charles D. White, Sec. of Leg.	Havana	New Jersey..	2,625
	N. Richardson, 2d Sec. of Leg.	Havana	Mississippi..	1,800
Denmark	Maurice F. Egan, E. E. & M. P.	Copenhagen	District of Columbia..	10,000
	W. K. Wallace, Sec. of Leg.	Copenhagen	Colorado..	2,000
Dominican Republic	William W. Russell, M. R. & C.-G.	Santo Domingo	Dist. of Columbia..	10,000
Ecuador	Williams C. Fox, E. E. & M. P.	Quito	New Jersey..	10,000
	Jordan H. Stabler, Sec. of Leg.	Quito	Maryland..	2,000
Egypt	Peter A. Jay, Agt. & C.-G.	Cairo	Rhode Island..	6,500
France	Robert Bacon, A. E. & P.	Paris	New York..	17,500
	A. B. Blanchard, Sec. of Emb.	Paris	Louisiana..	3,000
	Gustave Scholle, 2d Sec. of Emb.	Paris	Minnesota..	2,000
	F. M. Gunther, 3d Sec. of Emb.	Paris	Virginia..	1,200
	Lt.-Com. F. L. Chafin, N. Att.	Paris	Navy..	.....
	Maj. T. B. Mott, Mil. Att.	Paris	Army..	.....
Germany	David J. Hill, A. E. & P.	Berlin	New York..	17,500
	Irwin B. Laughlin, Sec. of Emb.	Berlin	Pennsylvania..	3,000
	J. C. Grew, 2d Sec. of Emb.	Berlin	Massachusetts..	2,000
	Perry Belden, 3d Sec.	Berlin	New York..	1,200
	Lt.-Com. F. A. Traut, Nav. Att.	Berlin	Navy..	.....
	Capt. S. G. Shartle, Mil. Att.	Berlin	Army..	.....
Great Britain	Whitelaw Reid, A. E. and P.	London	New York..	17,500
	William Phillips, Sec. of Emb.	London	Massachusetts..	3,000
	Leland Harrison, 2d Sec. of Emb.	London	Illinois..	2,000
	Sheldon L. Crosby, 3d Sec. of Emb.	London	New York..	1,200
	Com. E. Simpson, Nav. Att.	London	Navy..	.....
	Capt. Sydney A. Cloman, M. A.	London	Army..	.....
Greece	George H. Moses, E. E. & M. P.	Athens	New Hampshire..	10,000
	F. O. de Billier, Sec. of Emb.	Athens	District of Columbia..	2,000
Guatemala	R. S. R. Hitt, E. E. & M. P.	Guatemala	Illinois..	10,000
	— — ——, Sec. of Leg.	Guatemala		2,000
Haiti	Henry W. Furniss, E. E. & M. P.	Port au Prince	Indiana..	10,000
Honduras	Fenton R. McCreery, E. E. & M. P.	Tegucigalpa	Michigan..	10,000
Italy	John G. A. Leishman, A. E. & P.	Rome	Pennsylvania..	17,500
	J. W. Garrett, Sec. of Emb.	Rome	Maryland..	3,000
	Chas. S. Wilson, 2d Sec. of Emb.	Rome	Maine..	2,000
	Lt.-Com. A. T. Long, Nav. Att.	Rome	Navy..	.....
	Maj. J. F. R. Landis, M. A.	Rome	Army..	.....
Japan	Thos. J. O'Brien, A. E. & P.	Tokyo	Michigan..	17,500
	Montgomery Schuyler, Jr., Sec. E.	Tokyo	New York..	3,000
	G. T. Summerlin, 2d Sec. of Emb.	Tokyo	Louisiana..	2,000
	— — ——, 3d Sec. of Emb.	Tokyo		1,200
	Capt. John H. Shipley, Nav. Att.	Tokyo	Navy..	.....
	Maj. H. L. Hawthorne, Mil. Att.	Tokyo	Army..	.....
	Ransford S. Miller, Jr., Int.	Tokyo	New York..	3,600
Liberia	William D. Crum, M. R. & C.-G.	Monrovia	South Carolina..	5,000
	Richard C. Bundy, Sec. of Leg.	Monrovia	Ohio..	2,000
Luxemburg	A. M. Beaupre, E. E. & M. P.	The Hague	Illinois..	12,000
Mexico	Henry Lane Wilson, A. E. & P.	Mexico	Washington..	17,500
	Fred M. Dearin, Sec. of Emb.	Mexico	Missouri..	3,000
	G. A. Moriarity, 2d Sec. of Emb.	Mexico	Rhode Island..	2,000
	Frank D. Arnold, 3d Sec. of Emb.	Mexico	Pennsylvania..	1,200
Montenegro	George H. Moses, E. E. & M. P.	Athens	New Hampshire..	10,000

UNITED STATES DIPLOMATIC SERVICE.—CONTINUED.

Country.	Representative.	Location.	Appointed from.	Salary.
Morocco	F. W. Carpenter, E. E. & M. P.	Tangier	California..	$10,000
	Cyrus F. Wicker, Sec. of Leg.	Tangier	New York..	2,000
Netherlands	A. M. Beaupre, E. E. & M. P.	The Hague	Illinois..	12,000
	Paxton Hibben, Sec. of Leg.	The Hague	Indiana..	2,625
Nicaragua				10,000
Norway	Herbert H. D. Peirce, E. E. & M. P.	Christiania	Massachusetts..	10,000
	Charles B. Curtis, Sec. of Leg.	Christiania	New York..	2,000
Panama	Thomas C. Dawson, E. E. & M. P.	Panama	Iowa..	10,000
	Charles Campbell, Jr., Sec of Leg.	Panama	Virginia..	2,000
Paraguay and Uruguay	E. C. O'Brien, E. E. & M. P.	Montevideo	New York..	10,000
Persia	Charles W. Russell, E. E. & M. P.	Teheran	District of Columbia..	10,000
	— — ———, Sec. of Leg.	Teheran		2,000
Peru	Leslie Combs, E. E. and M. P.	Lima	Kentucky..	10,000
	W. P. Cresson, Sec. of Leg.	Lima	Nevada..	2,000
Portugal	Henry T. Gage, E. E. & M. P.	Lisbon	California..	10,000
	G. L. Lorillard, Sec. of Leg.	Lisbon	Rhode Island..	2,000
Roumania and Servia	John R. Carter, E. E. and M. P.	Bucharest	Maryland..	10,000
	R. B. Harvey, Sec. of Leg. and C.-G	Bucharest	Maryland..	2,000
Russia	Wm. W. Rockhill, A. E. and P.	St. Petersburg	Dist. of Columbia..	17,500
	George P. Wheeler, Sec. of Emb.	St. Petersburg	Washington..	3,000
	J. Van A. MacMurray, 2d Sec.	St. Petersburg	New York..	2,000
	Willing Spencer, 3d Sec. of Emb.	St. Petersburg	Pennsylvania..	1,200
	Lt.-Com. F. L. Chapin, Nav. Att.	Paris	Navy..	.....
	Maj. S. L'H. Slocum, Mil. Att.	St. Petersburg	Army..	.....
Salvador	Wm. Heimke, E. E. & M. P.	San Salvador	Kansas..	10,000
	T. E. Dabney, Sec. of Leg. & C.-G.	San Salvador	Louisiana..	2,000
Siam	Hamilton King, E. E. & M. P.	Bangkok	Michigan..	10,000
	G. C. Tarler, Sec. Leg. and C.-G.	Bangkok	New York..	.....
	Leng Hui, Int.	Bangkok	.....	500
Spain	Henry C. Ide, E. E. & M. P.	Madrid	Vermont..	12,000
	A. C. Turner, Sec. of Leg.	Madrid	Missouri..	2,000
Sweden	Chas. H. Graves, E. E. & M. P.	Stockholm	Minnesota..	10,000
	H. C. May, Sec. of Leg.	Stockholm	District of Columbia..	2,000
Switzerland	Laurits S. Swenson, E. E. & M. P.	Bern	Minnesota..	10,000
Turkey	Oscar S. Straus, A. E. & P.	Constantinople	New York..	17,500
	Hoffman Philip, Sec. of Leg.	Constantinople	New York..	2,625
	A. A. Gargiulo, Int.	Constantinople	Turkey..	3,000
Uruguay	Edwin V. Morgan	Montevideo	New York..	10,000
Venezuela	— — ———, E. E. & M. P.	Caracas		10,000

UNITED STATES CONSULAR SERVICE.

Abbreviations: C.-G., consul general; C., consul; V.-C., vice-consul; C. A., commercial agent.

CONSULS-GENERAL AT LARGE.

Fleming D. Cheshire, N. Y.	$5,000
George H. Murphy, N. C.	5,000
Alfred L. M. Gottschalk, N. Y.	5,000
Heaton W. Harris, Ohio	5,000
Charles C. Eberhardt, Kas.	5,000

ABYSSINIA.

Adis Ababa—Guy R. Love, O., V. and D. C.-G.	.....

ARGENTINE REPUBLIC.

Buenos Aires—R. M. Bartleman, Mass., C.-G.	4,500
Rosario—Henry P. Coffin, Pa., C.	2,500

AUSTRIA-HUNGARY.

Budapest—Paul Nash, N. Y., C.-G.	3,500
Carlsbad—Will L. Lowrie, Ill., C.	3,000
Fiume—Clarence R. Slocum, N. Y.	3,500
Prague—Joseph I. Brittain, O., C.	3,500
Reichenberg—William J. Pike, Pa., C.	4,000
Trieste—George M. Hotschick, Wis., C.	3,000
Vienna—Charles Denby, Ind., C.-G.	6,000

BELGIUM.

Antwerp—Henry W. Diederich, D. C., C.-G.	5,500
Brussels—Ethelbert Watts, Pa., C.-G.	5,500
Ghent—William P. Atwell, O., C.	3,000
Liege—Henry A. Johnson, D. C., C.	3,000

BRAZIL.

Bahia—S. P. Warner, D. C., C.	4,000
Para—George H. Pickerel, O., C.	4,000
Pernambuco—P. M. Griffith, O., C.	4,000
Rio de Janeiro—Julius G. Lay, D. C., C.-G.	8,000
Santos—Jay White, Mich., C.	4,000

CHILE.

Iquique—Rea Hanna, Cal., C.	3,000
Punta Arenas—J. E. Rowen, Iowa, C.	3,000
Valparaiso—Alfred A. Winslow, Ind., C.	4,500

CHINA.

Amoy—J. H. Arnold, Cal., C.	4,500
Antung—E. C. Baker, Cal., C.	2,500
Canton—Leo A. Bergholz, N. Y., C.-G.	5,500
Chefoo—John Fowler, Mass., C.-G.	4,500
Chungking—A. W. Pontius, Minn., C.	3,500
Fuchau—Samuel L. Gracey, Mass., C.	$4,500
Hankau—R. B. Mosher, D. C., C.-G.	4,500
Harbin—Roger S. Greene, Mass., C.	4,000
Mukden—F. D. Fisher, Ore., C.-G.	4,500
Nanking—W. T. Gracey, Mass., C.	4,000
Newchwang—William P. Kent, Va., C.-G.	4,500
Shanghai—Amos P. Wilder, Wis., C.-G.	8,000
Swatow—Charles L. L. Williams, O., C.	2,500
Tientsin—S. S. Knabenshue, O., C.-G.	5,500

COLOMBIA.

Barranquilla— — — ———, C.	3,500
Bogota—Maxwell Blake, Mo., C.-G.	3,500
Cartagena—Charles L. Latham, N. C., C.	2,000

COSTA RICA.

Port Limon—Chester Donaldson, N. Y., C.	2,500
San Jose—Samuel T. Lee, Mich., C.	3,000

CUBA.

Cienfuegos—Max J. Baehr, Neb., C.	4,500
Havana—James L. Rogers, O., C.-G.	8,000
Santiago—R. E. Holaday, O., C.	4,500

DENMARK AND DOMINIONS.

Copenhagen—W. G. Bond, Wyo., C.-G.	3,000
St. Thomas—C. H. Payne, W. Va., C.	3,000

DOMINICAN REPUBLIC.

Puerto Plata—P. E. Holland, Tenn., C.	2,000
Santo Domingo—W. W. Russell, D. C., C.-G.	.....

ECUADOR.

Guayaquil—Herman R. Dietrich, Mo., C.-G.	4,500

FRANCE AND DOMINIONS.

Algiers—Albert W. Robert, Fla., C.	2,500
Bordeaux—Alfred K. Moe, N. Y., C.	4,000
Calais—James B. Milner, Ind., C.	3,000
Cognac—George H. Jackson, Conn., C.	2,500
Goree-Dakar— — — ———, C.	2,000
Grenoble—C. P. H. Nason, Pa., C.	2,000
Guadeloupe—Robert T. Crane, Md., C.	2,000
Havre—James E. Dunning, Me., C.	5,000
Limoges—Eugene I. Belisle, Mass., C.	2,500
Lyons—Hunter Sharp, N. C., C.	5,000

Marseilles—Alphonse Gaulin, R. I., C.-G.....$5,500
Martinique—Thomas R. Wallace, Iowa, C..... 2,500
Nantes—L. Goldschmidt, N. H., C..... 3,900
Nice—W. D. Hunter, Minn., C..... 2,500
Paris—Frank H. Mason, O., C.-G.....12,000
Rheims—William Bardel, N. Y., C..... 2,500
Roubaix—Joseph E. Haven, Ill., C..... 2,500
Rouen—Charles A. Holder, Col., C..... 2,000
Saigon— — — ———, C..... 2,000
St. Etienne—William H. Hunt, N. Y., C..... 2,500
St. Pierre, St. P.—Douglas Jenkins, S. C., C.. 2,000
Tahiti—North Winship, Ga., C..... 2,000
Tamatave—James G. Carter, Ga., C..... 2,500

GERMAN EMPIRE.

Aix la Chapelle—Pendleton King, N. C., C... 3,000
Apia—Mason Mitchell, N. Y., C..... 3,500
Barmen—George E. Eager, Ill., C..... 3,500
Berlin—A. M. Thackera, Pa., C.-G..... 8,000
Bremen—William T. Fee, O., C..... 5,000
Breslau—Herman L. Spahr, S. C., C..... 2,500
Brunswick—T. J. Albert, Md., C..... 2,500
Chemnitz—Thomas H. Norton, O., C..... 3,500
Coburg—Frank Dillingham, Cal., C.-G..... 4,500
Cologne—Hiram J. Dunlap, Ill., C..... 3,500
Dresden—T. St. John Gaffney, N. Y., C.-G... 4,500
Erfurt—Ralph C. Busser, Pa., C..... 2,500
Frankfort-on-Main—Frank D. Hill, Minn., C.-G. 5,500
Hamburg—Robert P. Skinner, O., C.-G..... 8,000
Hanover—R. J. Thompson, Ill., C..... 3,000
Kehl—Frank S. Hannah, Ill., C..... 3,000
Leipzig—Albert R. Morawatz, Ariz., C..... 4,000
Magdeburg—A. W. Donegan, Ala., C..... 2,500
Mannheim—Samuel H. Shank, Ind., C..... 3,500
Munich—Thomas W. Peters, D. C., C.-G..... 4,500
Nuremburg—George N. Ifft, Idaho, C..... 4,000
Plauen—Carl B. Hurst, D. C., C..... 4,000
Stettin—W. C. Teichmann, Mo., C..... 2,500
Stuttgart—Edward Higgins, Mass., C..... 4,000
Tsingtau, China—James C. McNally, Pa., C... 4,000

GREAT BRITAIN.

Aden—Charles K. Moser, Va..... 2,500
Auckland—William A. Prickitt, N. J., C.-G.. 4,500
Barbados—Chester W. Martin, Mich., C..... 3,000
Belfast—Henry B. Miller, Ore., C..... 5,000
Belize—William L. Avery, Mont., C..... 2,500
Birmingham—Albert Halstead, D. C., C..... 4,500
Bombay—E. H. Dennison, O., C..... 4,000
Bradford—A. E. Ingram, Cal., C..... 3,500
Bristol—H. M. Byington, Conn., C..... 2,000
Burslem—Edward B. Walker, N. Y., C..... 3,000
Calcutta—William H. Michael, Neb., C.-G... 6,000
Calgary—E. S. Hotchkiss, Wis., C..... 3,000
Campbellton—T. Botkin, Utah, C..... 2,000
Cape Town—Richard Guenther, Wis., C.-G.... 6,000
Cardiff—Lorin A. Lathrop, Cal., C..... 2,500
Charlottetown—Frank Deedmeyer, Ala., C.... 2,000
Colombo—William C. Magelssen, Minn., C.... 3,000
Cork—George E. Chamberlin, N. Y., C..... 2,500
Cornwall—Henry C. A. Damm, Tenn., C..... 2,000
Dawson—George C. Cole, W. Va., C..... 5,000
Dublin—Edward L. Adams, N. Y., C..... 4,000
Dundee—W. S. Hollis, Mass., C..... 4,000
Dunfermline—Howard D. Van Sant, N. J., C.. 3,500
Durban—E. S. Cunningham, Tenn., C..... 3,500
Edinburgh—Rufus Fleming, O., C..... 2,500
Fernie—Frank C. Denison, Vt., C..... 2,000
Fort Erie—H. J. Harvey, N. Y., C..... 2,000
Georgetown—Arthur J. Clare, D. C., C..... 3,500
Gibraltar—R. L. Sprague, Mass., C..... 2,500
Glasgow—John N. McCunn, Wis., C..... 4,500
Halifax—James W. Ragsdale, Cal., C.-G..... 4,500
Hamilton, Ber.—W. M. Greene, R. I., C..... 2,500
Hamilton, Ont.—James M. Shepard, Mich., C.. 3,000
Hobart—H. D. Baker, Ill., C..... 2,000
Hongkong—George E. Anderson, Ill., C.-G.... 8,000
Huddersfield—F. I. Bright, O., C..... 3,000
Hull—Walter C. Hamm, N. Y., C..... 2,500
Johannesburg—Edwin N. Gunsaulus, O., C..... 5,000
Karachi—Stuart K. Lupton, Tenn., C..... 4,500
Kingston, Jamaica—V. R. Snyder, Pa., C..... 4,500
Kingston, Ont.—Felix S. S. Johnson, N. J., C. 2,500
Leeds—B. F. Chase, Pa., C..... 2,500
Liverpool—H. L. Washington, D. C., C..... 8,000
London—John L. Griffiths, Ind., C.-G.....12,000
Madras—N. B. Stewart, Ga., C..... 3,000
Malta—James O. Laing, Mo., C..... 2,500
Manchester—Church Howe, Neb., C..... 6,000
Melbourne—John F. Jewell, Ill., C.-G..... 3,000
Moncton—M. J. Hendrick, N. Y., C.....$2,000
Montreal—William H. Bradley, Ill., C.-G.... 6,000
Nassau—Julian Potter, N. Y., C..... 3,000
Newcastle, N. S. W.—G. B. Killmaster, Mich., C. 3,000
Newcastle-on-Tyne—H. W. Metcalf, Me., C... 3,000
Niagara Falls—W. H. H. Webster, N. Y., C.. 2,000
Nottingham—Samuel M. Taylor, O., C..... 4,500
Orillia—Harry P. Dill, Me., C..... 2,500
Ottawa—John G. Foster, Vt., C.-G..... 6,000
Owen Sound—A. G. Seyfert, Pa..... 2,500
Plymouth—J. G. Stephens, Ind., C..... 2,500
Port Antonio—Julius D. Dreher, S. C..... 3,000
Port Elizabeth—E. A. Wakefield, Me., C..... 3,500
Port Louis— — — ———, C..... 2,000
Prescott—Martin R. Sackett, N. Y., C..... 2,500
Quebec—Gebhard Willrich, Wis., C..... 3,500
Rangoon—M. K. Moorhead, Pa., C..... 3,500
Rimouski—F. M. Ryder, Conn., C..... 3,500
St. John, N. B.—Henry S. Culver, O., C..... 3,000
St. John's, N. F.—Jas. S. Benedict, N. Y., C. 2,500
St. John's, Que.—A. J. McConnico, Miss., C.. 2,500
St. Stephen—C. A. McCullough, Me., C..... 2,000
Sandaken—O. H. Baker, Iowa, C..... 3,000
Sarnia—Fred C. Slater, Kas., C..... 2,500
Sault Ste. Marie—Geo. W. Shotts, Mich., C.... 2,500
Sheffield—C. N. Daniels, Conn., C..... 3,000
Sherbrooke—Paul Lang, N. H., C..... 3,500
Sierra Leone—William J. Yerby, Tenn., C..... 2,000
Singapore—J. T. DuBois, Pa., C.-G..... 4,500
Southampton—Albert W. Swalm, Iowa, C..... 4,500
Suva— — — ———, C..... 2,000
Swansea—C. L. Livingston, Pa., C..... 3,000
Sydney, N. S.—John E. Kehl, O., C..... 3,000
Sydney, N. S. W.—John P. Bray, N. D., C.-G. 5,500
Toronto—R. S. Chilton, D. C., C..... 4,000
Trinidad—Franklin D. Hale, Vt., C..... 3,000
Turks Island—J. A. Howells, O., C..... 2,000
Vancouver—David F. Wilber, N. Y., C.-G..... 4,500
Victoria—A. E. Smith, Ill., C..... 4,000
Windsor, Ont.—H. A. Conant, Mich., C..... 2,500
Winnipeg—John E. Jones, D. C., C.-G..... 4,500
Yarmouth—A. J. Fleming, Mo., C..... 2,500

GREECE.

Athens—William H. Gale, Va., C.-G..... 3,000
Patras—Arthur B. Cooke, S. C., C..... 2,000

GUATEMALA.

Guatemala—George A. Bucklin, Jr., Okla., C.-G. 3,500

HAITI.

Cape Haitien—L. W. Livingston, Fla., C..... 2,000
Port au Prince—John B. Terres, N. Y., C..... 3,000

HONDURAS.

Ceiba—Allen Gard, N. J., C..... 2,000
Puerto Cortes—C. I. Dawson, S. C., C..... 2,500
Tegucigalpa—A. T. Haeberle, Mo., C..... 2,500

ITALY.

Catania—Arthur Garrels, Mo., C..... 3,000
Florence— — — ———, C..... 3,000
Genca—James A. Smith, Vt., C.-G..... 4,500
Leghorn—Ernest A. Man, Fla., C..... 3,000
Milan—Charles M. Caughy, Md., C..... 4,000
Naples—C. S. Crowninshield, D. C., C..... 4,000
Palermo—Hernando de Soto, Cal., C..... 3,500
Rome—Chapman Coleman, Ky., C..... 3,500
Turin—A. H. Michelson, Mass., C..... 2,000
Venice—James V. Long, Pa., C..... 2,000

JAPAN.

Dalny— — — ———, C..... 3,500
Kobe—George N. West, D. C., C..... 5,000
Nagasaki—Carl F. Deichman, Mo., C..... 3,500
Seoul—G. H. Scidmore, Wis., C.-G..... 5,500
Tamsui—Samuel C. Reat, Ill., C..... 3,000
Yokohama—Thomas Sammons, Wash., C.-G... 6,000

KONGO.

Boma—W. W. Hardley, N. Y., C.-G..... 4,500

LIBERIA.

Monrovia—William D. Crum, C.-G..... 5,000

MEXICO.

Acapulco—Marion Letcher, Ga., C..... 2,500
Aguascalientes—A. Donaldson Smith, N. C., C. 2,000
Chihuahua—Leo J. Keena, Mich., C..... 2,500
Ciudad Juarez—T. D. Edwards, S. D., C..... 2,500
Ciudad Porfirio Diaz—L. T. Ellsworth, O., C. 2,500
Durango—Charles M. Freeman, N. H., C..... 2,000
Encenada—George B. Schmucker, Fla., C..... 2,000

Frontera—A. J. Lespinasse, N. Y., C.....$3,000
Guadalajara—Samuel E. Magill, Ill., C..... 3,500
Hermosillo—Louis Hostetter, Neb., C..... 2,000
LaPaz—L. N. Sullivan, Pa., C..... 2,000
Manzanillo— — — ——, C..... 2,000
Matamoros—J. H. Johnson, Tex., C..... 2,500
Mazatlan—William E. Alger, Mass., C..... 2,500
Mexico—Arnold Shanklin, Mo., C.-G..... 6,000
Monterey—P. C. Hanna, Iowa, C.-G..... 3,500
Nogales—A. V. Dye, Mo., C..... 2,500
Nuevo Laredo—A. B. Garrett, W. Va., C..... 2,500
Progreso—George B. McGoogan, Ind., C..... 3,000
Salina Cruz—Lewis W. Haskell, S. C., C..... 2,000
Saltillo—T. W. Voetter, N. Mex., C..... 2,000
San Luis Potosi—G. A. Bucklin, Jr., Okla., C.. 2,500
Tampico—Clarence A. Miller, Mo., C..... 3,000
Tapachula—A. W. Brickwood, Jr., Ariz., C.... 2,000
Vera Cruz—William W. Canada, Ind., C..... 4,500

MOROCCO.

Tangier— — — ——, C.-G..... 3,500

NETHERLANDS.

Amsterdam—Frank W. Mahin, Iowa, C..... 5,000
Batavia—B. S. Rairden, Me., C..... 3,000
Curacao—Elias H. Cheney, N. H., C..... 2,500
Rotterdam—Soren Listoe, Minn., C.-G..... 5,500

NICARAGUA.

Bluefields—Thomas P. Moffat, N. Y., C..... 3,500
Cape Gracias a Dios—E. W. Trimmer, N.Y., C. 2,000
Corinto—J. W. Johnson, N. Y., C..... 3,000
Managua—Jose de Olivares, Mo., C..... 3,000

NORWAY.

Bergen—B. M. Rasmussen, Iowa, C..... 2,500
Christiania—Henry Bordewich, Minn., C.-G... 3,000
Stavanger—P. E. Taylor, Neb., C..... 2,000

OMAN.

Maskat—John A. Ray, Tex., C..... 2,000

PANAMA.

Colon—James C. Kellogg, La., C..... 4,000
Panama—A. G. Snyder, W. Va., C.-G..... 5,500

PARAGUAY.

Asuncion—Cornelius Ferris, Jr., Cal., C..... 2,000

PERSIA.

Tabriz—Gordon Paddock, N. Y., C..... 3,000

PERU.

Callao—William H. Robertson, Va., C..... 4,500
Iquitos— — — ——, C..... 3,000

PORTUGAL.

Lisbon—Louis H. Ayme, Ill., C.-G..... 3,500
Lourenco Marquez—G. A. Chamberlain, N. M., C. 5,000
St. Michels—Edward A. Creevey, N. J., C..... 3,000

ROUMANIA.

Bucharest—R. B. Harvey, Md., C.-G..... 2,000

RUSSIA.

Batum—A. Heingartner, O., C..... 2,500
Moscow—J. H. Snodgrass, W. Va., C.-G.....$5,500
Odessa—John H. Grout, Mass., C..... 3,500
Riga—William F. Doty, N. J., C..... 3,000
St. Petersburg—Jacob E. Conner, Iowa, C.... 5,500
Vladivostok—Lester Maynard, Cal., C..... 3,500
Warsaw—Thomas E. Heenan, Minn., C..... 4,000

SALVADOR.

San Salvador—Thomas E. Dabney, La., C.-G.. 3,500

SERVIA.

Belgrade—Robert S. S. Bergh, N. D., C..... 2,000

SIAM.

Bangkok—G. C. Tarber, N. Y., C.-G..... 2,000

SPAIN.

Barcelona—Henry H. Morgan, La., C.-G..... 5,500
Jeres de la Frontera—P. Gassett, D. C., C.... 2,500
Madrid—Charles L. Hoover, Mo., C..... 2,500
Malaga—Edward J. Norton, Tenn., C..... 3,000
Seville—Charles S. Winans, Mich., C..... 3,000
Tenerife—Solomon Berliner, N. Y., C..... 2,500
Valencia—Robert Frazer, Jr., Pa., C..... 2,500

SWEDEN.

Gothenburg—S. J. Fuller, Wis., C..... 2,500
Stockholm—Edward D. Winslow, Ill., C.-G.... 3,500

SWITZERLAND.

Basel—George Gifford, Me., C..... 3,500
Bern—George Helmrod, Neb., C..... 3,500
Geneva—Francis B. Keene, Wis., C..... 3,500
St. Gall—D. I. Murphy, D. C., C..... 4,500
Zurich—Robert E. Mansfield, Ind., C.-G..... 4,500

TURKEY.

Aleppo—J. B. Jackson, O., C..... 3,000
Alexandria—David R. Birch, Pa..... 3,500
Bagdad—Frederick Simpich, Wash., C..... 3,500
Beirut—G. Bie Ravndal, S. D., C.-G..... 4,500
Cairo—Peter A. Jay, R. I., C.-G..... 6,500
Constantinople—Edw'd H. Ozmun, Minn., C.-G. 6,000
Harput—W. W. Masterson, Ky., C..... 3,000
Jerusalem—William Coffin, Ky., C..... 3,000
Mersina—Edward I. Nathan, Pa., C..... 2,500
Saloniki—George Horton, Ill., C..... 3,500
Sivas— — — ——, C..... 2,000
Smyrna—Ernest L. Harris, Ill., C..... 3,500
Trebizond—Milo A. Jewett, Mass., C..... 2,500
Tripoli—John Q. Wood, H. I., C..... 2,500

URUGUAY.

Montevideo—Frank W. Goding, Ill., C..... 3,500

VENEZUELA.

La Guaira—Isaac A. Manning, Ore., C..... 3,000
Maracaibo—Ralph J. Totten, Tenn., C..... 2,500
Puerto Cabello—Herbert R. Wright, Iowa, C.. 2,000

ZANZIBAR.

Zanzibar—A. W. Weddell, Va., C..... 2,500

FOREIGN LEGATIONS IN THE UNITED STATES.

Argentine Republic—Senor Don Portela, E.E.&M.P.
Mr. Don Jacinto L. Villegas, secretary of legation.
Austria-Hungary—Baron Hengelmuller von Hengervar, A. E. and P.
Chevalier von Lowenthal-Linau, counselor of legation.
Count F. von Bruselle-Schavbeck, secretary.
Belgium—Count Conrad de Buisseret, E. E. and M. P.
Mr. Charles Symon, secretary of legation.
Bolivia—Senor Don Ignacio Calderon, E. E. & M. P.
Brazil—Mr. R. de Lima e Silva, counselor of embassy and charge d'affaires.
Chile—Senor Don Anibal Cruz, E. E. and M. P.
Senor Don Alberto Yoacham, first secretary.
China—Sir Chang Yin Tang, E. E. and M. P.
Mr. Yung Kwai, first secretary.
Mr. Lu Ping Tien, secretary interpreter.
Colombia—Senor Don Francisco de P. Borda, E. E. and M. P.
Costa Rica—Senor Don Joaquin B. Calvo, E. E. and M. P.
Cuba—Dr. Francisco C. Justiz, E. E. and M. P.
Senor Don Arturo P. y Almeida, first secretary.
Denmark—Count Carl Moltke, E. E. and M. P.
Dominican Republic—Senor Don Emilio C. Joubert, E. E. and M. P.
Ecuador—Dr. Don Rafael Maria Arizaga, E. E. and M. P.
France—M. Jusserand, A. E. and P.
Mr. Lefevre-Pontalis, counselor.
Capt. de Chambrun, military attache.
Lieut.-Com. B. d'Azy, naval attache.
Germany—Count Johann Heinrich von Bernstorff, A. E. and P.
Count von Wedel, counselor and first secretary.
Maj. Herwarth von Bittenfeld, military attache.
Commander Retzmann, naval attache.
Great Britain—Rt.-Hon. James Bryce, A. E. & P.
Mr. A. M. Innes, counselor of embassy.
Mr. G. Young, second secretary.
Lieut.-Col. B. R. James, military attache.
Capt. C. F. G. Sowerby, naval attache.
Greece—Mr. L. A. Coromilas, M. R.
Guatemala—Senor Don Luis Toledo Herrarte, E. E. and M. P.
Haiti—Mr. H. P. Sannon, E. E. and M. P.
Honduras—Dr. Luis Lazo, E. E. and M. P.
Italy—Marchese Paolo di Montagliari, counselor and charge d'affaires.
Sig. Roberto Centaro, second secretary.

Japan—Yasuya Uchida, A. E. and P.
Mr. Keishiro Matsui, counselor.
Mexico—Senor Don Francisco Leon de la Barra, A. E. and P.
Senor Don Luis Ricoy, first secretary.
Senor Don Geoman Bulle, second secretary.
Netherlands—Jonkheer J. Loudon, E. E. and M. P.
Nicaragua— — — —.
Norway—Mr. H. H. Bryn, E. E. and M. P.
Panama—Mr. C. O. Arosemena, E. E. and M. P.
Paraguay— — — —.
Persia—Gen. Morteza Khan, E. E. and M. P.
Peru—Mr. Felipe Pardo, E. E. and M. P.
Portugal—Viscount de Alte, E. E. and M. P.
Russia—Baron Rosen, A. E. and P.
Prince N. Koudacheff, counselor.
M. Constantin Nabokoff, first secretary.
Col. Baron de Bode, military attache.
Commander Vassilieff, naval attache.
Salvador—Senor Don Federico Mejia, E. E. & M. P.
Siam—Phya Akharaj Varadhara, E. E. and M. P.
Spain—Senor Don Juan Riano y Gayangos, E. E. and M. P.
Senor Don Francisco de Zea Bermudez, first secretary.
Senor Don Manuel Walls y Merino, 2d secretary.
Lieut.-Col. Nicolas Urcullo y Cereijo, military attache.
Sweden—Mr. Herman de Lagercrantz, E. E. & M. P.
Mr. A. Ekengren, counselor of legation.
Switzerland—Dr. Paul Ritter, E. E. and M. P.
Mr. Henri Martin, secretary of legation.
Turkey—Youssouf Zia Pasha, E. E. and M. P.
R. Raif Bey, first secretary of legation.
Uruguay—Dr. Luis M. Lafinur, E. E. and M. P.
Venezuela—Don P. Ezequiel Rojas, E. E. and M. P.

FOREIGN CONSULS AND CONSULATES IN CHICAGO.

Argentine Republic—Frank O. Enright, 610, 188 Madison street.
Austria-Hungary—Hugo Silvestri (consul-general), 816, 184 LaSalle street.
Belgium—Charles Henrotin, 506, 217 LaSalle street.
Bolivia—F. W. Harnwell, 1502, 181 LaSalle street.
Brazil—S. R. Alexander, 206, 19 Wabash avenue.
Chile—M. J. Steffens, 307 East 22d street.
Costa Rica—B. Singer, 188 Madison street.
Cuba—Edouardo Patterson y Jauregui, 14, 35 Clark street.
Denmark—Georg Bech, 407, 59 Dearborn street.
Dominican Republic—Frederick W. Job, 832, 204 Dearborn street.
Ecuador—Louis J. Millet, 21 East Pearson street.
France—Baron de St. Laurent, 449, 160 Adams-st.
Germany—Alfred Geissler, 1405, 206 LaSalle street.
Great Britain—Horace D. Nugent (consul-general), 605 Pullman building.
Greece—N. Salopoulos, 24, 69 Dearborn street.
Guatemala—Jule F. Brower, 1331, 164 Dearborn-st.
Honduras—George F. Stone (consul-general), 26 Board of Trade building.
Italy—Chevalier Guido Sabetta, 432, 115 Adams-st.
Japan—K. Yamasaki, 705 Chamber of Commerce.
Mexico—Augustin Pina, 501 Monadnock building.
Netherlands—George Birkhoff, Jr. (consul-general), 85 Washington street.
Nicaragua—Berthold Singer, 188 Madison street.
Norway—Oscar H. Haugan, State Bank of Chicago.
Panama—Gustavo de Obaldia, 1125 Masonic Temple.
Paraguay—D. T. Hunt, 704, 204 Dearborn street.
Persia—R. T. Crane, Jr. (consul-general), 1214 South Canal street.
Peru—W. M. Fiske, 240 LaSalle street.
Portugal—S. C. Simms (vice-consul), 2023 Kenwood terrace.
Russia—Baron Ernest de Schilling, 307, 158 Adams street.
Siam—Milward Adams, 200 Michigan avenue.
Spain—B. Singer, 188 Madison street.
Sweden—Henry S. Henschen, 142 Washington street.
Switzerland—A. Holinger, 201, 172 Washington-st.
Turkey—Charles Henrotin, 506, 217 LaSalle street.
Uruguay—Juan Moffitt, 1614, 79 Dearborn street.
Venezuela—Jose M. Alvizua, 912, 28 Jackson boulevard.

AMERICAN HALL OF FAME.

"The Hall of Fame for Great Americans" is the name of a building on University Heights in New York city, in which are inscribed on bronze tablets the names of famous American men and women. Nominations for the honor are made by the public and are submitted to a committee of 100 eminent citizens. In the case of men fifty-one votes are required and in the case of women forty-seven. The first balloting took place in October, 1900, when the following were chosen:

George Washington.
Abraham Lincoln.
Daniel Webster.
Benjamin Franklin.
Ulysses S. Grant.
John Marshall.
Thomas Jefferson.
Ralph W. Emerson.
H. W. Longfellow.
Robert Fulton.
Horace Mann.
Henry W. Beecher.
James Kent.
Joseph Story.
John Adams.
Washington Irving.

CHOSEN IN 1905.

John Quincy Adams.
James Russell Lowell.
William T. Sherman.
James Madison.
John G. Whittier.
Jonathan Edwards.
Samuel F. B. Morse.
David G. Farragut.
Henry Clay.
Nathaniel Hawthorne.
George Peabody.
Robert E. Lee.
Peter Cooper.
Eli Whitney.
John J. Audubon.
William E. Channing.
Gilbert Stuart.
Asa Gray.

CHOSEN IN 1910.

Alexander Hamilton.
Louis Agassiz.
John Paul Jones.
Mary Lyon.
Emma Willard.
Maria Mitchell.
Harriet Beecher Stowe.
Oliver Wendell Holmes.
Edgar Allan Poe.
Roger Williams.
James Fenimore Cooper.
Phillips Brooks.
William Cullen Bryant.
Frances E. Willard.
Andrew Jackson.
George Bancroft.
John Lothrop Motley.

CENTENARIANS IN THE UNITED STATES.

In 1900 there were 3,536 persons in the United States aged 100 years or more. Of these 1,289 were men and 2,247 women. All but 419 were native born and 2,553 were negroes. In Illinois there were 78 persons more than 100 years of age, of whom 31 were men and 47 women. The deaths of the following centenarians in the United States were reported between Nov. 1, 1909, and Nov. 1, 1910:

Allen, John, 102, 1234 Fulton street, Chicago, May 18.
Barrett, Mrs. Catherine, 107, near Tarrytown, N. Y., May 20.
Boicourt, Mrs. Anna, 106, Moline, Kas., March 15.
Broemmekamp, Anton, 100, Barrington, Ill., Jan. 12.
Brooks, Mrs. Pauline, 113, New York city, Feb. 10.
Browning, Turner, 115, Durham, N. C., Aug. 11.
Cain, Mary, 116, Durham, N. C., Feb. 10.
Carrow, Mrs. Anna Mary, 117, near Cheboygan, Mich., Sept. 14.
Corona, Mrs. Juana, 116, Patagonia, Ariz., Jan. 24.
Cordray, Mrs. Hester, 113, Delmar, Del., June 23.
Cox, Mike, 104, Ripley, Miss., July 14.
Greenberg, Henry, 100 (American), Jamaica, Sept. 25.
Leavill, Michael, 110, Milford, N. H., March 1.
Moxley, James, 105, Hastings, Neb., March 3.
McGregor, James B., 108, Newport, N. H., March 23.
McHinnon, John, 103, St. Charles, Mich., Jan. 30.
McIniery, John, 100, 1305 South 40th avenue, Chicago, Ill., Aug. 11.
Ramsey, John, 119, Elyria, O., Jan. 29.
Rich, John B., 100, Newport, N. Y., Aug. 13.
Robinson, Mrs. Maria, 106, Bridgewater, N. Y., Jan. 17.
Sheridan, Thomas, 103, Austin, Ill., Feb. 28.
Sprague, Mrs. Dinah E. M., 101, 6521 Yale avenue, Chicago, Ill., June 6.

Army of the United States.

Corrected to Oct. 20, 1910.

GENERAL STAFF, DIVISION AND DEPARTMENT COMMANDERS.

GENERAL STAFF CORPS.

Maj.-Gen. Leonard Wood, chief of staff.
Maj.-Gen. William H. Carter.
Brig.-Gen. Arthur Murray.

COLONELS.

Stephen C. Mills, insp.-gen.
George S. Anderson, 1st cavalry.
Joseph W. Duncan, 6th infantry.
M. M. Macomb, 6th field artillery.

LIEUTENANT-COLONELS.

Lea Febiger, 6th infantry.
Edwin St. J. Greble, 3d field artillery.
Daniel A. Frederick, 19th infantry.
William D. Beach, 11th cavalry.
Hunter Liggett, 15th infantry.
George T. Bartlett, coast artillery.

MAJORS.

D. H. Boughton, 11th cavalry.
Robert L. Hirst, 29th infantry.
Edwin A. Root, 19th infantry.
John F. Morrison, 20th infantry.
Henry C. Cabell, 14th infantry.
William P. Burnham, 7th infantry.
Samuel D. Sturgis, 1st field artillery.
H. D. Todd, Jr., coast artillery.
Paul F. Straub, medical corps.
Guy Carleton, 4th cavalry.
Henry T. Allen, 8th cavalry.
W. C. Davis, coast artillery.

CAPTAINS.

Peter C. Harris, 9th infantry.
W. S. Graves, 20th infantry.
H. G. Learnard, 14th infantry.
Jesse McI. Carter, 14th cavalry.
P. D. Lochridge, 13th cavalry.
Fred W. Sladen, 14th infantry.
Charles D. Rhodes, 6th cavalry.
Frank S. Cocheu, 12th infantry.
Joseph P. Tracy, coast artillery.
Johnson Hagood, coast artillery.
Samuel C. Vestal, coast artillery.
Fox Connor, 1st field artillery.
Thomas E. Merrill, corps of engineers.
S. A. Cheney, corps of engineers.
Edmund Wittenmeyer, 5th infantry.
Peter W. Davison, 22d infantry.
Benjamin T. Simmons, 4th infantry.
Matthew E. Hanna, 2d cavalry.
Malin Craig, 1st cavalry.

DIVISIONS AND DEPARTMENTS.

DIVISION OF THE PHILIPPINES—Consisting of the departments of Luzon, Visayas and Mindanao; Commander, Maj.-Gen. W. P. Duvall.

DEPARTMENT OF LUZON—Includes all that portion of the Philippine archipelago lying north of a line passing southeastwardly through the west pass of Apo, or Mindoro strait, to the 12th parallel of north latitude, thence east along said parallel to the 124th degree 10 minutes east of Greenwich, but including the entire island of Masbate, thence north to San Bernardino straits; headquarters, Manila, P. I.; commander, Brig.-Gen. R. D. Potts.

DEPARTMENT OF THE VISAYAS—Includes all islands south of the southern line of the department of Luzon east of longitude 121 degrees 45 minutes east of Greenwich and north of the 9th parallel of latitude, excepting the islands of Mindanao and Paragua and all islands east of the straits of Surigao; headquarters, Iloilo, P. I.; commander, Brig.-Gen. D. H. Brush.

DEPARTMENT OF MINDANAO—Includes all the remaining islands of the Philippine archipelago; headquarters, Zamboanga, P. I.; commander, Brig.-Gen. J. J. Pershing.

DEPARTMENT OF THE COLORADO—States of Colorado and Utah and the territories of Arizona and New Mexico; headquarters, Denver, Col.; commander, Brig.-Gen. Earl D. Thomas.

DEPARTMENT OF CALIFORNIA—States of California and Nevada, the Hawaiian islands and their dependencies; headquarters, San Francisco, Cal.; commander, Brig.-Gen. T. H. Bliss.

DEPARTMENT OF THE COLUMBIA—States of Washington, Oregon, Idaho (except so much of the latter as is embraced in the Yellowstone national park) and the territory of Alaska; headquarters, Vancouver barracks, Washington; commander, Brig.-Gen. Marion P. Maus.

DEPARTMENT OF THE EAST—New England states, New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, West Virginia, Virginia, the island of Porto Rico and the islands and keys adjacent thereto; headquarters, Governors Island, New York; commander, Maj.-Gen. F. D. Grant.

DEPARTMENT OF THE GULF—Embraces the states of North and South Carolina, Tennessee, Georgia, Florida, Alabama, Louisiana and Mississippi; headquarters at Atlanta, Ga.; commander, Brig.-Gen. Albert L. Mills.

DEPARTMENT OF THE LAKES—States of Wisconsin, Michigan, Illinois, Indiana, Ohio and Kentucky; headquarters, Chicago, Ill.; commander, Brig.-Gen. C. L. Hodges.

DEPARTMENT OF THE MISSOURI—States of Iowa, Nebraska, Missouri, Kansas, South Dakota and Wyoming (except Yellowstone national park); headquarters, Omaha, Neb.; commander (temporarily), Brig.-Gen. F. A. Smith.

DEPARTMENT OF DAKOTA—States of Minnesota, North Dakota, Montana and so much of Wyoming and Idaho as is embraced in the Yellowstone national park; headquarters, St. Paul, Minn.; commander, Brig.-Gen. W. Howe.

DEPARTMENT OF TEXAS—Embraces states of Texas, Arkansas and Oklahoma; headquarters, San Antonio, Tex.; commander, Brig.-Gen. A. L. Myer.

OFFICERS OF THE ARMY.

MAJOR-GENERALS—Leonard Wood, Frederick D Grant, J. Franklin Bell, William P. Duvall, Thomas H. Barry, William H. Carter.

BRIGADIER-GENERALS—F. Funston, T. H. Bliss, Albert L. Mills, John J. Pershing, Albert L. Myer, Earl D. Thomas, Charles L. Hodges, William W. Wotherspoon, Ramsay D. Potts, Daniel H. Brush, Frederick A. Smith, Marion P. Maus, Walter Howe, Frederick K. Ward, Ralph W. Hoyt.

ADJUTANT-GENERAL—With rank of major-general: Fred C. Ainsworth.

ASSISTANT ADJUTANT-GENERALS—With rank of brigadier-general: William P. Hall.

With rank of colonel: Henry O. S. Heistand, George Andrews, William A. Simpson, Henry P. McCain, James T. Kerr.

With rank of lieutenant-colonel: A. O. Brodie, Benjamin Alvord, Charles McClure, Eugene F. Ladd, Frederick S. Strong, Frank B. Jones, Charles W. Taylor.

With rank of major: George H. Morgan, Charles M. Truitt, William H. Sage, Harry C. Hale, Frederick Perkins, Ira A. Haynes, William H. Johnston, Ernest Hinds, Sidney S. Jordan, Beaumont B. Buck.

INSPECTOR-GENERAL—With rank of brigadier-general: Ernest A. Garlington.

INSPECTORS-GENERAL—With rank of colonel: Stephen C. Mills, John L. Chamberlain, George F. Chase.

With rank of lieutenant-colonel: Francis H. French, W. E. Wilder, Millard F. Harmon, Charles G. Morton.

With rank of major: Lloyd S. McCormick, George Bell, Jr., Omar Bundy, Joseph T. Dickman, Tyree R. Rivers, William Lassiter, Andre W. Brewster, Frank G. Mauldin, Walter H. Gordon.

JUDGE-ADVOCATE GENERAL—With rank of brigadier-general: George B. Davis.

JUDGE-ADVOCATES—With rank of colonel: Enoch H. Crowder, Harvey C Carbaugh.

With rank of lieutenant-colonel: John A. Hull, George M. Dunn, Frank L. Dodds.

With rank of major: John Biddle Porter, Lewis E. Goodier, Henry M. Morrow, Walter A. Bethel, B. Winship, Beverly A. Read.

QUARTERMASTER-GENERAL—With rank of brigadier-general: James B. Aleshire.

ASSISTANT QUARTERMASTERS-GENERAL—With rank of colonel: John L. Clem, George Ruhlen, William H. Miller, Frederick Von Schrader, Frederick G. Hodgson, John B. Bellinger.

DEPUTY QUARTERMASTERS-GENERAL—With rank of lieutenant-colonel: Isaac W. Littall, G. S. Bingham, Carroll A. Deval, Thomas Cruse, Daniel E. McCarthy, John T. Knight, John M. Carson, Jr., John E. Baxter, Moses G. Zalinski.

COMMISSARY-GENERAL—With rank of brigadier-general: Henry G. Sharpe.

ASSISTANT COMMISSARIES-GENERAL—With rank of colonel: Edward E. Dravo, Abiel L. Smith, James N. Allison.

DEPUTY COMMISSARIES-GENERAL—With rank of lieutenant-colonel: David L. Brainerd, George D. Davis, Albert D. Kniskern, Frank F. Eastman.

SURGEON-GENERAL—With rank of brigadier-general: George H. Torney.

ASSISTANT SURGEONS-GENERAL—With rank of colonel: Joseph B. Girard, W. C. Gorgas, John Van R. Hoff, Louis M. Maus, Blair D. Taylor, Louis W. Crampton, Daniel M. Appel, Harry O. Perley, William B. Davis, William W. Gray, Louis Brechemin, Louis A. La Garde, John M. Banister, Aaron H. Appel, Charles Richard.

DEPUTY SURGEONS-GENERAL—With rank of lieutenant-colonel: Rudolph G. Ebert, William H. Arthur, George E. Bushnell, Henry P. Birmingham, William Stephenson, John L. Phillips, Guy L. Edie, William D. Crosby, Charles M. Gandy, Walter D. McCaw, J. R. Kean, Henry I. Raymond, Henry S. T. Harris, William P. Kendall, William B. Banister, Charles E. Woodruff, Charles F. Mason, James D. Glennan, Alfred E. Bradley, Euclid B. Frick, Frank R. Keefer.

PAYMASTER-GENERAL—With rank of brigadier-general: Charles H. Whipple.

ASSISTANT PAYMASTERS-GENERAL—With rank of colonel: William H. Comegys, George R. Smith, Harry L. Rogers.

DEPUTY PAYMASTERS-GENERAL—With rank of lieutenant-colonel: Webster Vinson, H. S. Wallace, Francis L. Payson, George F. Downey.

PAYMASTERS—With rank of major: Thomas C. Goodman, James B. Houston, Beecher B. Ray, Herbert M. Lord, William B. Rochester, Jr., Robert S. Smith, Franklin O. Johnson, George T. Holloway, William G. Gambrill, Timothy D. Keleher, George E. Pickett, William F. Blauvelt, James Canby, John R. Lynch, Morris K. Barroll, Charles E. Stanton, Pierre C. Stevens, John P. Hains, John C. Waterman, Erneste V. Smith.

CHIEF OF ENGINEERS—With rank of brigadier-general: William L. Marshall.

Colonels: William T. Rossell, Dan C. Kingman, William M. Black, Walter L. Fisk, S. W. Roessler, F. V. Abbot, Thomas L. Casey, Curtis McD. Townsend, George W. Goethals, John Millis.

Lieutenant-colonels: John Biddle, Harry F. Hodges, James G. Warren, Edward Burr, L. H. Beach, George A. Zinn, William C. Langfitt, James C. Sanford, Graham D. Fitch, B. DuB. Gaillard, Harry Taylor, William L. Sibert, Joseph E. Kuhn, William E. Craighill, Henry C. Newcomer, Patrick M. Mason.

CHIEF OF ORDNANCE—With rank of brigadier-general: William Crozier.

Colonels: S. E. Blunt, James Rockwell, Rogers Birnie, Frank Baker, Orin B. Mitcham, L. L. Bruff.

Lieutenant-colonels: Charles H. Clark, Frank E. Hobbs, J. Walker Benet, William W. Gibson, Edwin B. Babbitt, Beverly W. Dunn, John T. Thompson, Charles E. Wheeler, William S. Pierce.

CHIEF SIGNAL OFFICER—With rank of brigadier-general: James Allen.

SIGNAL OFFICERS—With rank of colonel: R. E. Thompson.

Lieutenant-colonels: G. P. Scriven, William A. Glassford.

REGIMENTAL OFFICERS.

CAVALRY.

1. Colonel, Edward J. McClernand; lieutenant-colonel, William A. Shunk; majors, Joseph A. Gaston, L. M. Brett, J. H. Gardner.
2. Colonel, Frank West; lieutenant-colonel, Edwin P. Andrus; majors, Stephen L'H. Slocum, Herbert H. Sargent, Matthew F. Steele.
3. Colonel, Joseph H. Dorst; lieutenant-colonel, Benjamin H. Cheever; majors, William C. Brown, Percy E. Trippe, Daniel L. Tate.
4. Colonel, Edgar Z. Steever; lieutenant-colonel, Frederick W. Sibley; majors, James Lockett, Guy Carleton, Jacob G. Galbraith.
5. Colonel, Walter S. Schuyler; lieutenant-colonel, Homer N. Wheeler; majors, D. H. Boughton, Fred W. Foster, Harry C. Benson.
6. Colonel, Alexander Rodgers; lieutenant-colonel, Matthias W. Day; majors, A. P. Blocksom, John W. Heard, William W. Forsyth.
7. Colonel, George K. Hunter; lieutenant-colonel, John F. Guilfoyle; majors, Herbert J. Slocum, J. Nicholson, E. P. Brewer.
8. Colonel, Henry P. Kingsbury; lieutenant-colonel, Charles M. O'Connor; majors, Henry L. Ripley, Henry T. Allen, George W. Read.
9. Colonel, George S. Anderson; lieutenant-colonel, Charles H. Watts; majors, Eben Swift, James E. Erwin, Augustus C. Macomb.
10. Colonel, T. W. Jones; lieutenant-colonel, George H. G. Gale; majors, Robert D. Read, Charles H. Grierson, George H. Sands.
11. Colonel, James Parker; lieutenant-colonel, William D. Beach; majors, William A. Mercer, George N. Goode, Robert D. Walsh.
12. Colonel, George A. Dodd; lieutenant-colonel, Frank A. Edwards; majors, H. G. Sickel, Henry J. Goldman, Thomas B. Dugan.
13. Colonel, Charles A. P. Hatfield; lieutenant-colonel, Walter L. Finley; majors, Thomas J. Lewis, J. F. R. Landis, G. H. Macdonald.
14. Colonel, Cunliffe H. Murray; lieutenant-colonel, John C. Gresham; majors, Hugh L. Scott, William S. Scott, George H. Cameron.
15. Colonel, Joseph Garrard; lieutenant-colonel, Hoel S. Bishop; majors, F. S. Foltz, John B. McDonald, William F. Flynn.

INFANTRY.

1. Colonel, G. K. McGunnegle; lieutenant-colonel, James S. Rogers; majors, Robert H. Noble, T. W. Moore, Charles H. Marlin.
2. Colonel, Francis W. Mansfield; lieutenant-colonel, James A. Maney; majors, Samuel E. Smiley, George B. Duncan, William Weigel.
3. Colonel, Thomas C. Woodbury; lieutenant-colonel, William A. Mann; majors, E. H. Plummer, Lawrence J. Hearn, Maury Nichols.
4. Colonel, Edwin B. Bolton; lieutenant-colonel, William Lassiter; majors, David C. Shanks, B. W. Atkinson, Amos B. Shattuck.
5. Colonel, Calvin D. Cowles; lieutenant-colonel, William L. Buck; majors, Charles L. Beckurts, William F. Martin, A. I. Lasseigne.
6. Colonel, Joseph W. Duncan; lieutenant-colonel, Lea Febiger; majors, J. H. Beacom, Evan M. Johnson, Jr., Stephen M. Hackney.
7. Colonel, Daniel Cornman; lieutenant-colonel, Robert N. Getty; majors, James A. Goodin, William P. Burnham, Charles C. Ballou.
8. Colonel, Charles W. Mason; lieutenant-colonel, Robert L. Bullard; majors, W. K. Wright, William M. Wright, Thomas G. Hanson.
9. Colonel, Charles J. Crane; lieutenant-colonel, Abner Pickering; majors, Charles R. Noyes, Waldo E. Ayer, Richard C. Croxton.
10. Colonel, Henry A. Greene; lieutenant-colonel, George R. Cecil; majors, James H. Frier, Charles Gerhardt, Samuel Seay.
11. Colonel, Arthur Williams; lieutenant-colonel, John S. Mallory; majors, R. M. Blatchford, Daniel B. Devore, David J. Baker, Jr.
12. Colonel, William H. C. Bowen; lieutenant-colonel, Robert F. Ames; majors, Charles H. Barth, Julius A. Penn, Herman Hall.
13. Colonel, R. H. R. Loughborough; lieutenant-colonel, William A. Nichols; majors, W. P. Richardson, James H. McRae, Frank L. Winn.
14. Colonel, Richard H. Wilson; lieutenant-colonel, L. W. V. Kennon; majors, John S. Parke, Jr., A. Hasbrouck, H. C. Cabell.

15. Colonel, Walter S. Scott; lieutenant-colonel, Hunter Liggett; majors, W. T. May, James M. Arrasmith, Dwight E. Holley.
16. Colonel, Cornelius Gardener; lieutenant-colonel, Robert C. Van Vliet; majors, Chase W. Kennedy, Edward M. Lewis, Charles S. Farnsworth.
17. Colonel, John T. Van Orsdale; lieutenant-colonel, Colville P. Terrett; majors, F. B. McCoy, Edward N. Jones, Jr., George W. Martin.
18. Colonel, Thomas F. Davis; lieutenant-colonel, J. C. F. Tillson; majors, Henry Kirby, D. L. Howell, Marcus D. Cronin.
19. Colonel, William T. Wood; lieutenant-colonel, Daniel A. Frederick; majors, E. A. Root, W. L. Simpson, Arthur Johnson.
20. Colonel, James A. Irons; lieutenant-colonel, Arthur C. Ducat; majors, S. W. Dunning, George W. McIver, John F. Morrison.
21. Colonel, Charles A. Williams; lieutenant-colonel, George S. Young; majors, Wilson Y. Stamper, A. P. Buffington, A. L. Parmerter.
22. Colonel, Alfred Reynolds; lieutenant-colonel, William C. Butler; majors, Henry C. Hodges, Jr., Jacob F. Kreps, Benjamin A. Poore.
23. Colonel, Alfred C. Sharpe; lieutenant-colonel, Edwin F. Glenn; majors, William H. Allaire, C. E. Dentler, Charles H. Muir.
24. Colonel, William Paulding; lieutenant-colonel, A. R. Paxton; majors, E. F. Taggart, S. L. Faison, Carl Reichmann.
25. Colonel, William P. Evans; lieutenant-colonel, Samuel W. Miller; majors, J. M. T. Partello, Charles W. Penrose, Francis J. Kernan.
26. Colonel, Charles A. Booth; lieutenant-colonel, James B. Jackson; majors, E. E. Hatch, H. L. Roberts, Lucius L. Durfee.
28. Colonel, Robert K. Evans; lieutenant-colonel, Silas A. Wolf; majors, T. W. Griffith, Fielder M. M. Beall, John P. Finley.
29. Colonel, Hobart K. Bailey; lieutenant-colonel, Reuben B. Turner; majors, E. P. Pendleton, Robert L. Hirst, Henry D. Styer.
30. Colonel, Charles St. J. Stubb; lieutenant-colonel, Nat P. Phister; majors, Joseph O'Neil, F. R. Day, Leon S. Roudiez.

Porto Rico Regiment—Lieutenant-colonel, Robert L. Howze; majors, Munroe McFarland, William M. Morrow.

Philippine Scouts—Major, Cornelius C. Smith.

FIELD ARTILLERY

1. Colonel, Henry M. Andrews; lieutenant-colonel, David J. Rumbough.
2. Colonel, Sydney W. Taylor; lieutenant-colonel, Charles W. Foster.
3. Colonel, Lotus Niles; lieutenant-colonel, E. St. J. Greble.
4. Colonel, Alexander B. Dyer; lieutenant-colonel, Charles G. Treat.
5. Colonel, Edward T. Brown, lieutenant-colonel, Granger Adams.
6. Colonel, Montgomery M. Macomb; lieutenant-colonel, Eli D. Hoyle.

RETIRED LIST.

ABOVE THE RANK OF MAJOR—ALPHABETICALLY ARRANGED.

Annual pay—Lieutenant-general, $8,250; major-general, $5,625; brigadier-general, $4,125; colonel, $2,650; lieutenant-colonel, $2,250.

Corrected to Oct. 20, 1910.

Abbott, Henry L., Brig.-Gen., Cambridge, Mass.
Abercrombie, W. R., Lieut.-Col., Spokane, Wash.
Adair, George W., Col., Fayette, O.
Adams, Henry M., Brig.-Gen., Charleston, S. C.
Alexander, Chas. T., Brig.-Gen., Washington, D. C.
Alexander, William L., Brig.-Gen., Pasadena, Cal.
Allen, Charles J., Brig.-Gen., Asheville, N. C.
Allen, Levin C., Col., Klamath Falls, Ore.
Anderson, George L., Col., Palo Alto, Cal.
Anderson, H. R., Col., Washington, D. C.
Anderson, Thomas M., Brig.-Gen., Portland, Ore.
Andrews, George L., Col., Gov.'s Island, N. Y.
Auman, William, Brig.-Gen., Buffalo, N. Y.
Avery, Robert, Col., Brooklyn, N. Y.
Bacon, John M., Col., Portland, Ore.
Bailey, Clarence M., Col., Chicago, Ill.
Bailey, H. L., Lieut.-Col., Fort Sheridan, Ill.
Bainbridge, Augustus H., Lieut.-Col., Portland, Ore.
Baldwin, Frank D., Brig.-Gen., Denver, Col.
Baldwin, T. A., Brig.-Gen., Tunnel Hill, Ga.
Barlow, John W., Brig.-Gen., New London, Conn.
Barney, George F., Lieut.-Col. (abroad).
Barr, Thomas F., Brig.-Gen., Canaan, N. H.
Bartholf, John H., Lieut.-Col., Plattsburg, N. Y.
Bates, John C., Lieut.-Gen., Washington, D. C.
Beaumont, Eugene B., Lieut.-Col., Wilkesbarre, Pa.
Beck, William H., Brig.-Gen., Pueblo, Col.
Becker, Otto, Lieut.-Col., St. Louis, Mo.
Bell, James M., Brig.-Gen., New London, Conn.
Bentley, Edwin, Lieut.-Col., Little Rock, Ark.
Billings, John S., Lieut.-Col., New York, N. Y.
Bingham, T. A., Brig.-Gen., New York, N. Y.
Bird, Charles, Brig.-Gen., Wilmington, Del.
Birkhimer, W. E., Brig.-Gen., Washington, D. C.
Bisbee, William H., Brig.-Gen., Boston, Mass.
Blunt, A. C., Lieut.-Col., Haines Falls, N. Y.
Bomus, Peter S., Col., Coxsactie, N. Y.
Borden, George P., Brig.-Gen., New York, N. Y.
Borden, W. C., Lieut.-Col., Chaumont, N. Y.
Bowman, A. H., Brig.-Gen., Washington, D. C.
Boyle, William H., Lieut.-Col., Rowayton, Conn.
Bradford, James H., Lieut.-Col., Baltimore, Md.
Brayton, George M., Col., Washington, D. C.
Breck, Samuel, Brig.-Gen., Brookline, Mass.
Breckinridge, J. C., Maj.-Gen., Asyulikit, Que.
Brewerton, H. F., Lieut.-Col., Elizabeth, N. J.
Bridgman, Frank, Lieut.-Col., Coronado Beach, Cal.
Brinkerhoff, H. R., Lieut.-Col., Oak Park, Ill.
Brooke, John R., Maj.-Gen. (abroad).
Brown, George LeR., Col., San Rafael, Cal.
Brown, J. M., Brig.-Gen., Hackensack, N. J.
Bubb, John W., Brig.-Gen., Galesburg, Ill.
Buchanan, J. M., Brig.-Gen., Ilchester, Md.
Buffington, A. R., Brig.-Gen., Madison, N. J.
Bullis, John L., Brig.-Gen., San Antonio, Tex.
Burbank, Jacob E., Lieut.-Col., Malden, Mass.
Burbank, James B., Brig.-Gen., New York, N. Y.
Burke, D. W., Brig.-Gen., Portland, Ore.
Burns, J. M., Lieut.-Col., Mtn. Lake Park, Md.
Burt, Andrew S., Brig.-Gen., Washington, D. C.
Burton, G. H., Brig.-Gen., Los Angeles, Cal.
Butler, John G., Brig.-Gen., Trenton, N. J.
Byrne, Charles, Lieut.-Col., Buffalo, N. Y.
Byrne, Charles B., Col., Washington, D. C.
Byrne, Charles C., Col., Washington, D. C.
Calef, John H., Lieut.-Col., Gloucester, Mass.
Califf, J. M., Brig.-Gen., Towanda, Pa.
Campbell, L. E., Lieut.-Col., Denver, Col.
Card, Benjamin C., Lieut.-Col., Cobourg, Ont.
Carey, Asa B., Brig.-Gen., Vineyard Haven, Mass.
Carlton, Caleb H., Brig.-Gen. (abroad).
Carpenter, Louis H., Brig.-Gen., Gloucester, Mass.
Carr, Camillo C. C., Brig.-Gen., Chicago, Ill.
Carr, Eugene A., Brig.-Gen., Washington, D. C.
Carrington, Henry B., Col., Hyde Park, Mass.
Catlin, Isaac, Col., Apalachin, N. Y.
Cavenaugh, H. G., Lieut.-Col., Atlantic City, N. J.
Cazlarc, L. V., Brig.-Gen. (abroad).
Chaffee, Adna R., Lieut.-Gen., Los Angeles, Cal.
Chance, J. C., Brig.-Gen., Springfield, O.
Chandler, John G., Col., Los Angeles, Cal.
Chipman, Henry L., Lieut.-Col., Detroit, Mich.
Chittenden, H. M., Brig.-Gen., Seattle, Wash.
Clague, J. J., Col., Minneapolis, Minn.
Cleary, Peter J. A., Brig.-Gen., Chattanooga, Tenn.
Closson, Henry W., Col., Washington, D. C.
Coates, Edwin M., Col., Washington, D. C.
Cook, Henry C., Col., Fall River, Mass.
Cooke, L. W., Brig.-Gen., San Francisco, Cal.
Coolidge, Charles A., Brig.-Gen., Detroit, Mich.
Cooney, Michael, Col., Washington, D. C.
Cooper, Charles L., Brig.-Gen., Philadelphia, Pa.
Corbusier, W. H., Lieut.-Col., Plainfield, N. J.
Coxe, Frank M., Brig.-Gen., San Francisco, Cal.
Craig, Robert, Lieut.-Col., Nantucket, Mass.
Craigie, David J., Brig.-Gen., Washington, D. C.
Crandall, F. M., Lieut.-Col., Aberdeen, Wash.
Crawford, M., Brig.-Gen., Washington, D. C.
Crittenden, J. J., Lieut.-Col., Port Huron, Mich.
Cronkhite, H. M., Lieut.-Col., New York, N. Y.
Daggett, A. S., Brig.-Gen., Berkeley, Cal.
Dandy, George B., Col., Bronxville, N. Y.
Darling, J. A., Lieut.-Col., Monterey, Cal.
Davis, C. E. L. B., Brig.-Gen., San Francisco, Cal.
Davis, C. L., Brig.-Gen., Schenectady, N. Y.
Davis, Edward, Brig.-Gen., Honolulu, H. I.
Davis, George W., Maj.-Gen., Washington, D. C.
Davis, J. K. M., Brig.-Gen., New London, N. H.

Davis, Wirt, Col., Washington, D. C.
Day, Selden A., Lieut.-Col., Washington, D. C.
Dempsey, Charles A., Col., Richmond, Va.
Dent, J. C., Sacketts Harbor, N. Y.
Derby, G. McC., Lieut.-Col., New Orleans, La.
De Russy, Isaac D., Brig.-Gen., New York, N. Y.
Dimmick, E. D., Brig.-Gen., Washington, D. C.
Dougherty, William E., Brig.-Gen., Fruitvale, Cal.
Dudley, E. S., Brig.-Gen., Johnston, N. Y.
Duggan, W. T., Brig.-Gen., Milwaukee, Wis.
Dunwoody, H. H. C., Brig.-Gen., Washington, D. C.
Eagan, Charles P., Brig.-Gen., New York, N. Y.
Edwards, Eaton A., Lieut.-Col., Washington, D. C.
Ellis, Philip H., Col., Cobourg, Ont.
Ennis, William, Brig.-Gen., Newport, R. I.
Enos, Herbert M., Lieut.-Col., Waukesha, Wis.
Ernst, O. H., Brig.-Gen., Washington, D. C.
Ewers, Ezra P., Brig.-Gen., Owenton, Ky.
Farley, Joseph P., Brig.-Gen., Newport, R. I.
Fechet, E. G., Lieut.-Col., Port Huron, Mich.
Forbes, T. F., Brig.-Gen. (abroad).
Forsyth, George A., Lieut.-Col., Rockport, Mass.
Forwood, Wm. H., Brig.-Gen., Washington, D. C.
Foster, H. S., Col., North Calais, Vt.
Fountain, Samuel W., Brig.-Gen. (abroad).
Freeman, H. B., Brig.-Gen., Labonte, Wyo.
Fryer, Blencowe E., Lieut.-Col., Kansas City, Mo.
Fuger, Frederick, Lieut.-Col., Asbury Park, N. J.
Fuller, Ezra B., Lieut.-Col., Leavenworth, Kas.
Furey, John V., Brig.-Gen., Brooklyn, N. Y.
Gardiner, Asa B., Lieut.-Col., New York, N. Y.
Gardner, E. F., Col., Holliston, Mass.
Gerlach, William, Lieut.-Col., St. Paul, Minn.
Gibson, Horatio G., Col., Washington, D. C.
Gibson, Joseph R., Lieut.-Col., Philadelphia, Pa.
Gibson, R. J., Short Beach, Conn.
Gilbert, William W., Lieut.-Col., Rochester, N. Y.
Gillespie, G. L., Maj.-Gen., Saratoga, N. Y.
Gilmore, John C., Col., Washington, D. C.
Girard, Alfred C., Brig.-Gen. (abroad).
Godfrey, E. S., Brig.-Gen., Cookstown, N. J.
Godwin, E. A., Brig.-Gen., Washington, D. C.
Goodale, G. A., Brig.-Gen., Wakefield, Mass.
Gordon, David S., Col., San Francisco, Cal.
Graham, William M., Brig.-Gen., Hopkinton, N. H.
Greely, A. W., Maj.-Gen., Washington, D. C.
Greenleaf, Charles R., Col., Redlands, Cal.
Greenough, G. G., Brig.-Gen., Charleston, S. C.
Grierson, Benj. H., Brig.-Gen., Jacksonville, Ill.
Grimes, George S., Col., Lockport, N. Y.
Guenther, F. L., Brig.-Gen., New York, N. Y.
Hains, Peter C., Brig.-Gen., Washington, D. C.
Hall, Charles B., Maj.-Gen., Portland, Me.
Hall, John D., Col. (abroad).
Hall, Robert H., Brig.-Gen., Chicago, Ill.
Hamner, William H., Lieut.-Col., Los Angeles, Cal.
Handbury, Thomas H., Col., Washington, D. C.
Hannay, J. W., Col., Yosemite, Cal.
Harbach, A. A., Brig.-Gen., Rochester, N. Y
Hardie, F. H., Lieut.-Col., New York, N. Y.
Hardin, E. E., Lieut.-Col., W. New Brighton, N. Y.
Hardin, Martin D., Brig.-Gen., Chicago, Ill.
Hartz, Wilson T., Lieut.-Col. (abroad).
Harvey, P. F., Col., Washington, D. C.
Hasbrouck, H. C., Brig.-Gen., Newburgh, N. Y.
Haskin, William L., Brig.-Gen., Waterford Conn.
Hathaway, F. H., Brig.-Gen., Portland, Ore.
Hawkins, John P., Brig.-Gen., Indianapolis, Ind.
Hawley, William, Lieut.-Col., Los Angeles, Cal.
Hayes, E. M., Brig.-Gen., Dover, Del.
Heap, David P., Brig.-Gen., Pasadena, Cal.
Heath, Frank, Col., Germantown, Pa.
Hein, Otto, Lieut.-Col., Washington, D. C.
Heizmann, C. L., Col., San Francisco, Cal.
Henisee, A. G., Brig.-Gen., Los Angeles, Cal.
Heuer, William H., Col., San Francisco, Cal.
Heyl, Charles H., Col., Deer Park, Md.
Hickey, J. B., Brig.-Gen., New York, N. Y.
Hobart, Charles, Lieut.-Col., Washington, D. C.
Hobbs, Charles N., Brig.-Gen., Washington, D. C.
Hodges, H. C., Brig.-Gen., Buffalo, N. Y.
Hood, Charles C., Brig.-Gen., New York, N. Y.
Hooton, Matt., Brig.-Gen., Portland, Ore.
Horton, Sam M., Lieut.-Col., Boston, Mass.
Hoskins, J. D. C., Brig.-Gen., New York, N. Y.
Hoxie, R. L., Brig.-Gen., Washington, D. C.
Hubbell, Henry W., Col., N. Hatley, Que.
Huggins, Eli, Brig.-Gen., San Diego, Cal.
Humphrey, C. F., Brig.-Gen., Washington, D. C.
Humphreys, H. H., Lieut.-Col., Siloam Springs, Ark.
Hunter, Edward, Col., New York, N. Y.
Huntt, George G., Col., Carlisle, Pa.
Hyde, John McE., Brig.-Gen., Brookline, Mass.
Ingalls, James M., Lieut.-Col., Brookline, Mass.
Irwin, Bernard J. D., Col., Cobourg, Ont.
Jackson, James, Lieut.-Col., Portland, Ore.
James, William H., Col., White Bluff, Tenn.
Janeway, John H., Lieut.-Col., Kenilworth, Ill.
Jocelyn, S. P., Brig.-Gen., Burlington, Vt.
Jones, F. B., Lieut-Col., Provincetown, Mass.
Jones, S. R., Lieut.-Col., Saugerties, N. Y.
Jones, William A., Col., Atlantic City, N. J.
Kauffman, A. B., Lieut.-Col., Webster Groves, Mo.
Kell, William H., Lieut.-Col., New York, N. Y.
Kellogg, Edgar R., Brig.-Gen., Toledo, O.
Kendall, H. M., Lieut.-Col., Washington, D. C.
Kent, Jacob F., Brig.-Gen., Watervliet, N. Y.
Kerr, John B., Brig.-Gen. (abroad).
Kirkman, J. T., Lieut.-Col., Evanston, Ill.
Knight, J. G. D., Brig.-Gen., Summit, N. J.
Knox, Thomas T., Col., Soldiers' Home, Va.
Kobbe, William A., Maj.-Gen., Pasadena, Cal.
Koerper, Egon A., Lieut.-Col., Washington, D. C.
Kress, J. A., Brig.-Gen., St. Louis, Mo.
Larned, D. R., Lieut.-Col., Crawford House, N. H.
Lazelle, Henry M., Col., Isle-au-Haut, Me.
Leary, Peter, Jr., Brig.-Gen., Baltimore, Md.
Lee, James G. C., Col., Hague, N. Y.
Lee, Jesse M., Maj.-Gen., Greencastle, Ind.
Lieber, G. Norman, Brig.-Gen., N. Hatley, Que.
Lincoln, S. H., Brig.-Gen., Fern Bank, O.
Livermore, W. R., Col., Boston, Mass.
Lockwood, B. C., Brig.-Gen., Detroit, Mich.
Lockwood, D. W., Col., Washington, D. C.
Lodor, Richard, Col., New York, N. Y.
Lomia, L., Col., New Rochelle, N. Y.
Long, Oscar F., Brig.-Gen., Piedmont, Cal.
Lovering, L. A., Col., Claremont, N. H.
Ludington, M. I., Maj.-Gen., Skaneateles, N. Y.
Lydecker, G. J., Brig.-Gen., Detroit, Mich.
Lyle, David A., Col., St. Davids, Pa.
MacArthur, A., Lieut.-Gen., Milwaukee, Wis.
McCaskey, W. S., Maj.-Gen, Fort Shafter, H. T.
McCauley, C. A. H., Col., Mercersburg, Pa.
McClellan, John, Brig.-Gen., Hollywood, Cal.
McCrea, Tully, Brig.-Gen., Dover, N. Y.
McGinniss, J. R., Brig.-Gen., Norfolk, Va.
McGregor, Thomas, Col., Benicia, Cal.
Mackenzie, A., Maj.-Gen., Washington, D. C.
McKibbin, C., Brig.-Gen., Washington, D. C.
Macklin, James E., Brig.-Gen., Los Angeles, Cal.
McLaughlin, William H., Lieut.-Col., Cincinnati, O.
McNally, V., Lieut.-Col., Washington, D. C.
MacNutt, Ira, Col., Annisquam, Mass.
Magruder, David L., Col., Bryn Mawr, Pa.
Mansfield, S. M., Brig.-Gen., Boston, Mass.
Markley, Alfred C., Brig.-Gen., Radnor, Pa.
Marshall, J. M., Col., St. Paul, Minn.
Marshall, W. L., Brig.-Gen., Washington, D. C.
Martin, M. C., Lieut.-Col., Manila, P. I.
Mathey, E. G., Lieut.-Col., Denver, Col.
Matile, L. A., Brig.-Gen., Washington, D. C.
Mearns, E. A., Lieut.-Col., Washington, D. C.
Merriam, Henry C., Brig.-Gen., Prout's Neck, Me.
Merrill, Abner H., Brig.-Gen, Montclair, N. J.
Merritt, Wesley, Maj.-Gen., Natural Bridge, Va.
Miles, Nelson A., Lieut.-Gen., Washington, D. C.
Miller, Crosby C. P., Brig.-Gen., Washington, D. C.
Miller, James, Brig.-Gen., Temple, N. H.
Mills, Anson, Brig.-Gen., Washington, D. C.
Miner, Charles W., Brig.-Gen., Columbus, O.
Mizner, Henry R., Col., Detroit, Mich.
Moale, Edward, Col., San Francisco, Cal.
Moon, H. B., Lieut.-Col., Fort Benj. Harrison, Ind.
Moore, Francis, Brig.-Gen., New York, N. Y.
Mordecai, Alfred, Brig.-Gen., Washington, D. C.
Morgan, J. N., Lieut.-Col., Alton, Ill.
Morgan, M. R., Brig.-Gen., St. Paul, Minn.
Morris, C., Brig.-Gen., Portland, Me.
Morris, Edward R., Lieut.-Col., Boston, Mass.
Morrow, Albert P., Col., Gainesville, Fla.
Morton, Charles, Brig.-Gen., Seattle, Wash.
Moseley, E. B., Col., Los Angeles, Cal.
Muhlenberg, J. C., Brig.-Gen., Washington, D. C.
Murphy, John, Lieut.-Col., Portland, Ore.
Murray, Robert, Brig.-Gen., Elk Ridge, Md.
Noble, Charles H., Brig.-Gen., Indianapolis, Ind.
Norvell, Stephen T., Lieut.-Col., Ft. Robinson, Neb.

Noyes, H. E., Col., Berkeley, Cal.
Oakes, James, Col., Washington, D. C.
O'Brien, Lyster M., Lieut.-Col., Detroit, Mich.
O'Connell, John J., Brig.-Gen., Washington, D. C.
O'Hara, James, Col., Berkeley, Cal.
O'Reilly, R. M., Maj.-Gen., Oswego, N. Y.
Osterhaus, Peter J., Brig.-Gen. (abroad).
Oveashine, Samuel, Brig.-Gen., New York, N. Y.
Paddock, G. H., Lieut.-Col., Princeton, Ill.
Page, John H., Brig.-Gen., Ft. Sheridan, Ill.
Parker, Daingerfield, Col., Washington, D. C.
Parker, Leopold O., Lieut.-Col., Atlantic City, N. J.
Parkhurst, C. D., Col., New London, Conn.
Patten, W. S., Col., New York, N. Y.
Patterson, John H., Brig.-Gen., Albany, N. Y.
Patzki, J. H., Col., Washington, D. C.
Pearson, Daniel C., Lieut.-Col., Manchester, N. H.
Pearson, E. P., Col., Coronado Beach, Cal.
Penney, Charles G., Brig.-Gen., Nordhoff, Cal.
Pennington, A. C. M., Brig.-Gen., New York, N. Y.
Pennypacker, Galusha, Col., Philadelphia, Pa.
Perry, Alexander, Col., New York, N. Y.
Phipps, Frank H., Brig.-Gen., Springfield, Mass.
Pitcher, John, Lieut.-Col., Edgewater, Md.
Pitman, John, Brig.-Gen., Orange, N. J.
Pollock, O. W., Lieut.-Col., San Francisco, Cal.
Poole, DeW. C., Lieut.-Col., Madison, Wis.
Pope, James W., Col., Denver, Col.
Porter, J. Y., Lieut.-Col., Key West, Fla.
Powell, J. L., Lieut.-Col., Washington, D. C.
Pratt, R. H., Brig.-Gen., Governor's Island, N. Y.
Pratt, S., Brig.-Gen., Pasadena, Cal.
Price, B. D., Brig.-Gen., Jamestown, R. I.
Pullman, J. W., Col., Ft. Monroe, Va.
Quinby, Ira, Lieut.-Col., Morris, N. Y.
Quinn, James B., Col., New York, N. Y.
Quinton, William, Brig.-Gen. (abroad).
Rafferty, O., Lieut.-Col., Oxnard, Cal.
Randall, George M., Brig.-Gen., Denver, Col.
Randlett, J. F., Lieut.-Col., Brookline, Mass.
Randolph, W. F., Maj.-Gen., Bay Head, N. J.
Rawles, J. B., Brig.-Gen., New York, N. Y.
Ray, P. H., Brig.-Gen., Youngstown, N. Y.
Raymond, C. W., Brig.-Gen., Highlands, N. J.
Reade, Philip, Brig.-Gen., Lowell, Mass.
Reed, Henry A., Brig.-Gen. (abroad).
Rexford, W. H., Lieut.-Col., Buffalo, N. Y.
Richmond, E. T. C., Col., Toledo, O.
Ritzius, H. P., Lieut.-Col., Beersheba Springs, Tenn.
Robert, H. M., Brig.-Gen., Owego, N. Y.
Roberts, Benjamin K., Brig.-Gen., Washington, D. C.
Roberts, C. S., Brig.-Gen., Manila, P. I.
Robertson, E. B., Col., Omaha, Neb.
Robinson, F. U., Brig.-Gen., Green Mtn. Falls, Col.
Robinson, H. E., Col., Uniontown, Pa.
Robinson, W. W., Jr., Brig.-Gen., Seattle, Wash.
Rodenbaugh, T. F., Brig.-Gen., New York, N. Y.
Rodgers, John I., Brig.-Gen., Portland, Ore.
Rodney, G. B., Brig.-Gen., Hollywood, Cal.
Rogers, W. P., Brig.-Gen., Washington, D. C.
Ruffner, E. H., Col., Covington, Ky.
Runkle, B. P., Lieut.-Col., Columbus, O.
Russell, A. H., Col., Boston, Mass.
Russell, E. K., Lieut.-Col., Philadelphia, Pa.
Sanger, Joseph P., Maj.-Gen., Washington, D. C.
Savage, E. B., Lieut.-Col., Cleveland, O.
Sawtelle, C. G., Brig.-Gen. (abroad).
Scantling, J. C., Lieut.-Col., Washington, D. C.
Schwan, Theodore, Brig.-Gen., Washington, D. C.
Scully, J. W., Brig.-Gen., Atlanta, Ga.
Sears, Clinton, B., Brig.-Gen., Newton Center, Mass.
Shaler, Charles, Brig.-Gen., Ocean City, N. J.
Sharp, Thomas, Lieut.-Col., Cincinnati, O.
Shea, Thomas, Lieut.-Col., Louisville, Ky.
Sheridan, M. V., Brig.-Gen., Carlisle, Pa.
Sickles, Daniel E., Maj.-Gen., New York, N. Y.
Simpson, John, Brig.-Gen., Oswego, N. Y.
Smith, Allen, Brig.-Gen., Spokane, Wash.
Smith, C. S., Brig.-Gen., New York, N. Y.
Smith, Frank G., Brig.-Gen., Washington, D. C.
Smith, Jared A., Brig.-Gen., Cleveland, O.
Smith, Joseph R., Col., Detroit, Mich.
Smith, Rodney, Col., St. Paul, Minn.
Smith, W., Brig.-Gen., Pelham Manor, N. Y.
Sniffen, C. C., Brig.-Gen., Washington, D. C.
Snyder, Simon, Brig.-Gen., Reading, Pa.
Stanton, William, Brig.-Gen. (abroad).
Stanton, W. S., Col. (abroad).
Starr, C. G., Lieut.-Col., Mexico City, Mexico.
Stedman, Clarence A., Col., Washington, D. C.
Sternberg, G. M., Brig.-Gen., Washington, D. C.
Stevens, R. L., Col., San Antonio, Tex.
Stewart, W. F., Col., Washington, D. C.
Stickney, Amos., Brig.-Gen., Avon, N. J.
Story, John P., Maj.-Gen., Los Angeles, Cal.
Stretch, John F., Col., Marion, Ind.
Summerhays, J. W., Lieut.-Col., Nantucket, Mass.
Sumner, E. V., Brig.-Gen., Manila, P. I.
Sumner, S. S., Maj.-Gen., Syracuse, N. Y.
Suter, C. R., Brig.-Gen., Roxbury, N. Y.
Swigert, S. M., Col., Manila, P. I.
Swobe, Thomas, Lieut.-Col., Omaha, Neb.
Symons, T. W., Col., Cazenovia, N. Y.
Taylor, A. C., Brig.-Gen., Burns, Ore.
Taylor, Frank, Brig.-Gen., Seattle, Wash.
Thompson, J. M., Brig.-Gen., Salt Lake City, Utah.
Thorp, Frank, Brig.-Gen., Intervale, N. H.
Tilford, J. G., Brig.-Gen., Fisher's Island, N. Y.
Tompkins, C. H., Col., Blueridge, Pa.
Towar, A. S., Col., Lincoln, Neb.
Town, F. L., Col., Lancaster, N. H.
True, Theodore E., Brig.-Gen., Los Angeles, Cal.
Tucker, W. F., Col., Mount Hood, Ore.
Tweedale, John, Col., Portsmouth, R. I.
Van Horne, William M., Col., Austin, Ill.
Van Valzah, David D., Col., Lewistown, Pa.
Van Voast, James, Col., Cincinnati, O.
Varney, A. L., Lieut.-Col., Washington, D. C.
Varnum, C. A., Lieut.-Col., Bangor, Me.
Viele, Charles D., Col., Los Angeles, Cal.
Vodges, A. W., Brig.-Gen., San Diego, Cal.
Vroom, Peter D., Brig.-Gen., New York, N. Y.
Wagner, Henry, Lieut.-Col., New York, N. Y.
Wallace, W. M., Brig.-Gen., Blue Ridge, Pa.
Ward, H. C., Brig.-Gen., Amherst, Mass.
Ward, Thomas, Brig.-Gen., Rochester, N. Y.
Waterbury, W. M., Lieut.-Col., Santa Barbara, Cal.
Watrous, J. A., Lieut.-Col., Milwaukee, Wis.
Wells, A. B., Brig.-Gen., Geneva, N. Y.
Wessels, Henry W., Col., Washington, D. C.
Wheaton, L., Maj.-Gen., Chicago, Ill.
Wheelan, J. N., Brig.-Gen., New York, N. Y.
Wheeler, D. D., Brig.-Gen., Fredericksburg, Va.
Wherry, William M., Brig.-Gen., Wequetonsing, Mich.
Whitall, S. R., Brig.-Gen., Gross Isle, Mich.
Whittemore, James M., Col., New Haven, Conn.
Wilcox, J. A., Col., Swarthmore, Pa.
Wilcox, T. E., Brig.-Gen., Washington, D. C.
Willard, J. H., Col., Newport, R. I.
Williams, C., Brig.-Gen., Schenectady, N. Y.
Williston, Edward B., Col., Portland, Ore.
Wilson, Charles I., Col., New York, N. Y.
Wilson, David B., Lieut.-Col., Sioux City, Iowa.
Wilson, J. H., Brig.-Gen., Wilmington, Del.
Wilson, John M., Brig.-Gen., Washington, D. C.
Winne, C. K., Lieut.-Col., Albany, N. Y.
Wittich, W., Lieut.-Col., Plattsburg, N. Y.
Wolverton, W. D., Lieut.-Col., Pittstown, N. J.
Wood, Henry C., Col., New York, N. Y.
Wood, E. E., Brig.-Gen., West Point, N. J.
Wood, M. W., Lieut.-Col., Boise, Idaho.
Wood, O. E., Brig.-Gen., Dansville, N. Y.
Wood, Palmer G., Brig.-Gen., Los Angeles, Cal.
Woodhull, Alfred A., Col., Princeton, N. J.
Woodruff, Carle A., Brig.-Gen., Raleigh, N. C.
Woodruff, C. A., Brig.-Gen., Veterans' Home, Cal.
Woodruff, Edward C., Lieut.-Col., Glen Ridge, N. J.
Woodruff, Ezra, Lieut.-Col., Hot Springs, Va.
Woodward, Geo. A., Brig.-Gen., Washington, D. C.
Woodward, S. L., Brig.-Gen., St. Louis, Mo.
Wygant, Henry, Col., Cranford, N. J.
Yeatman, R. T., Brig.-Gen., Glendale, O.
Young, S. B. M., Lieut.-Gen., Washington, D. C.

MILITARY DEPARTMENT OF THE LAKES

Headquarters—Fifth floor federal building, Chicago.
Commander—Brig.-Gen. C. L. Hodges.
Aid-de-Camp—Lieut. W. S. Grant.
Aid-de-Camp—Lieut. C. B. Hodges.
Chief of Staff—Col. S. C. Mills.
Adjutant-General—Col. W. A. Simpson.
Inspector-General—Col. C. G. Morton.
Judge-Advocate—Lieut.-Col. Harvey C. Carbaugh.
Chief Quartermaster—Lieut.-Col. T. Cruse.
Chief Commissary—Capt. J. Hayes.
Chief Surgeon—Col. L. M. Maus.
Chief Paymaster—Maj. Timothy D. Keleher.
Chief Engineer Officer—Lieut.-Col. W. A. Glassford.

TABLE OF ARMY PAY.

Pay of officers in active service—act May 11, 1908.

Grade.	Yearly.	Pay of grade. M'hly.	After 5 yrs. M'hly.	After 10 yrs. M'hly.	After 15 yrs. M'hly.	After 20 yrs. M'hly.
Lieut.-gen.	$11,000	$916.67	.....	.....	.....	.....
Maj.-gen...	8,000	666.67	.....	.....	.....	.....
Brig.-gen...	6,000	500.00	.....	.....	.....	.....
Colonel ...	4,000	333.33	$366.67	$400.00	$416.67	$416.67
Lieut.-col..	3,500	291.67	320.83	350.00	375.00	375.00
Major.....	3,000	250.00	275.00	300.00	325.00	333.33
Captain	2,400	200.00	220.00	240.00	260.00	280.00
1st lieut...	2,000	166.67	183.33	200.00	216.67	233.33
2d lieut....	1,700	141.67	155.83	170.00	184.17	198.33

In case any officer below the grade of major required to be mounted provides himself with suitable mounts at his own expense, he shall receive an addition to his pay of $150 per annum if he provides one mount and $200 per annum if he provides two mounts.

Pay of retired officers—act May 11, 1908.

Grade.	Yearly.	Pay of grade. M'hly.	After 5 yrs. M'hly.	After 10 yrs. M'hly.	After 15 yrs. M'hly.	After 20 yrs. M'hly.
Lieut.-gen...	$8,250	$687.50	.....	.....	.....	.....
Maj.-gen....	6,000	500.00	.....	.....	.....	.....
Brig.-gen....	4,500	375.00	.....	.....	.....	.....
Colonel	3,000	250.00	$275.00	$300.00	$312.50	$312.50
Lieut.-col...	2,625	218.75	240.62	262.50	281.25	281.25
Major	2,250	187.50	206.25	225.00	243.75	250.00
Captain	1,800	150.00	165.00	180.00	195.00	210.00
1st lieut....	1,500	125.00	137.50	150.00	162.50	175.00
2d lieut.....	1,275	106.25	116.87	127.50	138.12	148.75

Monthly pay of enlisted men—act May 11, 1908.

Grade.	Enlistment 1st.	2d.	3d.	4th.	5th.	6th.	7th.
Master electrician, signal corps, coast artillery; chief musician	$75	$79	$83	$87	$91	$95	$99
Engineer, coast artillery	65	69	77	77	81	85	89
Sergeant, first class, hospital corps	50	54	58	62	66	70	74
First sergeant, all arms	45	49	53	57	61	65	69
Battalion sergeant-major, field artillery, infantry; squadron sergeant major, cavalry; junior sergeant-major, coast artillery; battalion quartermaster sergeant, field artillery; master gunner, coast artillery; principal musician, bands	40	44	48	52	56	60	64
Electrician sergeant, second class, coast artillery; sergeant engineers, ordnance, signal corps; sergeant, bands; quartermaster sergeant, engineers; drum major, bands; color sergeant, cavalry, field artillery, infantry	36	40	44	48	52	56	60
Sergeant, cavalry, field artillery, coast artillery, infantry; sergeant, hospital corps; corporal, bands; quartermaster sergeant, cavalry, field artillery, coast artillery, infantry; stable sergeant, field artillery; cook, all arms	30	33	36	39	42	45	48
Corporal, engineers, ordnance, signal corps, hospital corps; chief mechanic, field artillery; mechanic, coast artillery; private, bands	24	27	30	33	36	39	42
Corporal, cavalry, field artillery, coast artillery, infantry; mechanic, field artillery; farrier, blacksmith, saddler, wagoner, cavalry; artificer, infantry	21	24	27	30	33	36	39
Private, first class, engineers, ordnance, signal corps, hospital corps	18	21	24	27	30	33	36
Private, hospital corps	16	19	22	23	24	25	26
Trumpeter, cavalry; musician, infantry, field artillery, coast artillery, engineers; private, cavalry, field artillery, coast artillery, infantry, signal corps; private, second class, engineers, ordnance	15	18	21	22	23	24	25

The rates of pay to retired enlisted men are based upon length of service and their pay at the time of retirement. Thus a private of the first class gets $15.75 a month if he is retired after his second enlistment and $27 a month after his seventh enlistment. A retired master signal electrician, the highest paid of enlisted men, gets from $59.25 to $74.25 a month.

AUTHORIZED STRENGTH OF THE ARMY.

	Major-generals.	Brigadier-generals.	Colonels.	Lieutenant-colonels.	Majors.	Captains.	First lieutenants.	Second lieutenants.	Chaplains.	Total commissioned officers.	Enlisted men.
General officers	6	15	....	....	....	....	....	....	....	21	....
Adjutant-general's department	1	1	5	7	10	....	....	....	....	24	....
Inspector-general's department	....	1	3	4	9	....	....	....	....	17	....
Judge-advocate general's department	....	1	2	3	6	....	....	....	....	12	....
Quartermaster's department	....	1	6	9	20	60	....	....	....	96	200
Subsistence department	....	1	3	4	9	27	....	....	....	44	203
Medical department	....	1	15	21	102	119	*334	....	....	*592	†
Pay department	....	1	3	4	20	25	....	....	....	53	....
Corps of engineers	....	1	10	16	32	43	43	43	1	189	2,002
Ordnance department	....	1	6	9	19	25	25	....	....	85	730
Signal corps	....	1	1	2	6	18	18	....	....	46	1,212
Bureau of insular affairs	....	1	1	....	1	....	....	....	....	3	....
Fifteen regiments of cavalry	....	....	15	15	45	225	225	225	15	765	12,775
Six regiments of field artillery	....	....	6	6	12	66	78	62	6	236	5,220
Coast artillery corps	....	1	14	14	42	210	210	167	14	672	19,321
Thirty regiments of infantry	....	....	30	30	90	450	450	450	30	1,530	25,231
Porto Rico regiment of infantry	....	....	....	....	....	11	10	10	1	32	576
Military academy	....	....	4	3	....	....	....	....	....	7	500
Recruiting parties, recruit depots and unassigned recruits	....	....	....	....	....	....	....	....	....	....	8,000
Service—school detachments	....	....	....	....	....	....	....	....	....	....	546
United States military prison guards	....	....	....	....	....	....	....	....	....	....	320
Indian scouts	....	....	....	....	....	....	....	....	....	....	75
Total regular army	7	27	124	147	423	1,279	1,395	957	67	4,424	76,911
Additional force:											
Philippine scouts	....	....	....	....	....	52	64	64	....	180	5,732
Grand total	7	27	124	147	423	1,331	1,457	1,021	67	4,604	82,643

*Includes 168 first lieutenants of the medical reserve corps on active duty. †Under the act of congress approved March 1, 1887, the enlisted men of the medical department (hospital corps) are not to be counted as part of the strength of the army. The authorized strength of the hospital corps is 3,500 enlisted men.

REGULAR ARMY AND MILITIA.

Organized strength, 1905 to 1909. [From reports of the adjutant-general and the military secretary of the army.]

STATE OR TERRITORY.	1905.		1906.		1907.		1908.		1909.	
	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates
Regular army	3,800	57,433	3,750	58,915	3,656	54,314	3,850	67,184	4,048	74,665
MILITIA.										
Alabama	192	2,099	194	1,841	185	2,011	216	3,010	221	3,093
Arizona	40	398	28	303	25	292	33	340	43	588
Arkansas	131	1,041	135	992	135	1,227	122	1,174	129	1,327
California	272	3,084	270	2,789	241	2,453	193	2,082	192	2,348
Colorado	73	1,001	66	533	62	581	69	644	71	774
Connecticut	200	2,614	196	2,529	196	2,584	181	2,526	186	2,677
Delaware	39	349	39	330	41	362	39	349	40	361
Dist. of Columbia	145	1,565	108	1,170	127	1,245	132	1,203	136	1,329
Florida	111	1,443	95	1,025	100	1,146	94	1,160	101	1,242
Georgia	289	2,902	262	2,498	263	2,482	212	2,806	239	2,794
Hawaii	39	510	34	382	37	388	40	452	49	557
Idaho	59	659	55	618	54	439	61	469	59	592
Illinois	485	5,784	496	5,433	492	5,648	500	5,813	520	6,165
Indiana	189	2,262	171	1,825	170	1,923	186	2,121	198	2,293
Iowa	209	2,146	206	2,403	201	2,519	202	2,455	216	2,523
Kansas	131	1,171	126	1,029	124	1,113	128	1,275	129	1,383
Kentucky	141	1,223	142	1,230	144	1,304	150	1,500	159	1,941
Louisiana	92	1,320	97	1,424	107	1,172	106	1,142	111	1,248
Maine	108	1,083	100	1,151	108	1,125	108	1,174	107	1,221
Maryland	167	1,841	162	1,780	170	1,799	163	1,741	157	1,911
Massachusetts	423	5,145	437	5,131	444	5,127	424	5,102	443	5,538
Michigan	177	2,435	200	2,467	188	2,324	213	2,648	204	2,578
Minnesota	139	1,686	162	1,836	166	1,898	196	2,612	201	2,747
Mississippi	95	1,305	118	1,144	117	1,078	119	1,083	127	1,325
Missouri	193	2,144	201	2,052	173	1,837	208	2,811	223	3,217
Montana	48	482	41	380	32	502	36	386	40	501
Nebraska	116	1,348	108	1,203	110	1,264	108	1,299	102	990
Nevada	13	133	7	134	8	2				
New Hampshire	115	1,155	111	1,131	114	1,129	125	1,443	131	1,545
New Jersey	321	4,237	317	4,069	349	4,144	351	3,982	369	4,116
New Mexico	35	375	36	262	32	226	31	243	27	181
New York	916	13,348	908	13,109	920	13,314	946	13,800	961	14,503
North Carolina	197	1,602	205	1,661	199	1,790	204	1,835	215	1,903
North Dakota	58	6.9	58	577	67	579	64	639	64	663
Ohio	428	5,404	448	5,411	425	5,416	446	5,099	495	5,511
Oklahoma	63	613	64	707	55	476	58	660	56	938
Oregon	87	1,013	84	979	79	905	101	1,343	112	1,457
Pennsylvania	716	9,104	725	9,159	721	9,167	703	9,345	732	9,776
Rhode Island	119	916	120	946	117	933	116	961	110	1,041
South Carolina	228	2,554	174	1,491	167	1,603	175	1,714	180	1,751
South Dakota	67	779	87	670	70	569	64	562	73	707
Tennessee	144	1,842	151	1,612	142	1,411	111	1,430	122	1,401
Texas	219	2,382	221	1,931	238	1,931	202	2,032	216	2,378
Utah	50	279	37	360	38	313	37	330	47	359
Vermont	60	694	58	703	61	670	63	781	63	767
Virginia	160	1,978	170	1,963	165	1,735	163	1,803	170	2,222
Washington	56	717	55	683	62	620	56	639	54	969
West Virginia	103	1,008	110	901	96	840	98	986	116	1,194
Wisconsin	189	2,604	191	2,706	192	2,712	194	2,825	198	2,898
Wyoming	33	279	35	318	38	318	41	439	41	408
Total	8,680	102,633	8,622	97,071	8,567	96,646	8,583	102,358	8,975	109,951

NAVY AND NAVAL MILITIA.

STATE OR TERRITORY.	1905.		1906.		1907.		1908.		1909.	
	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates	Officers.	Privates
Navy	2,252	30,804	2,322	32,163	2,552	33,027	2,769	39,346	2,823	44,129
Marine corps	273	6,982	276	8,103	279	8,038	269	8,811	334	9,360
NAVAL MILITIA.										
California	40	345	41	411	46	378	45	509	49	552
Connecticut	19	188	17	205	22	178	22	220	22	202
Dist. of Columbia	14	197	16	205	16	304	14	187	14	132
Georgia	13	87	12	82	14	140	10	107	3	44
Illinois	53	629	52	700	54	657	50	669	51	587
Louisiana	42	495	45	499	48	523	48	577	52	583
Maine	5	55	5	57	4	64	4	60	4	65
Maryland	21	211	20	217	20	202	21	272	23	271
Massachusetts	32	473	32	461	34	482	43	496	41	481
Michigan	22	177	14	177	23	253	40	356	45	295
Minnesota	12	116	12	105	13	121	13	162	11	123
Missouri			7	80	10	107	11	120	10	96
New Jersey	45	265	40	263	30	302	27	301	29	321
New York	68	583	49	567	53	608	52	741	53	767
North Carolina	23	110	24	153	42	300	44	343	47	317
Ohio	13	141	43	139	25	185	19	183	18	247
Pennsylvania	8	92	8	89	8	87	8	87	7	118
Rhode Island	17	172	18	169	17	179	19	212	17	209
South Carolina	18	139	18	143	25	175	21	185	21	135
Wisconsin									8	44
Total nav. militia	405	4,475	453	4,620	504	5,225	515	5,787	525	5,639

ARMIES AND NAVIES OF THE WORLD.

[Data chiefly from the Statesman's Year-Book and Brassey's Naval Annual for 1910.]

COUNTRY.	ARMY.		NAVY.		Total of armed forces.	Annual cost of army and navy.¶
	Peace footing.	War footing.	Ships.§	Men.		
Abyssinia	150,000	.....	.....	.....	150,000	.....
Afghanistan	60,000	.....	.....	.....	60,000	.....
Argentina	18,000	200,000	28	5,000	23,000	$9,000,000
Australian Commonwealth	112,491	.....	.....	1,978	114,469	6,636,700
Austria-Hungary	382,808	2,000,000	103	12,899	395,707	77,656,600
Belgium	46,235	165,000	.....	.....	46,235	11,326,058
Bolivia	2,500	177,800	.....	.....	2,500	1,192,000
Brazil	28,730	.....	37	8,800	37,530	19,382,460
Bulgaria	52,500	275,000	.....	.....	52,500	7,954,600
Canada*	55,173	.....	.....	.....	55,173	5,498,184
Chile	7,449	83,350	24	.....	7,449	6,100,000
China	100,000	.....	30	.....	100,000	17,500,000
Colombia	5,000	.....	11	.....	5,000	3,000,000
Costa Rica	6,000	150,000	2	.....	6,000	.....
Cuba	8,220	.....	.....	.....	8,220	.....
Denmark	14,000	50,000	26	.....	14,000	6,128,472
Ecuador	4,379	95,000	2	130	4,509	1,858,500
Egypt	19,010	.....	.....	.....	19,010	4,402,845
France	629,500	1,300,000	532	25,500	655,000	222,868,600
Germany	621,162	3,260,000	223	33,500	654,662	216,476,750
Great Britain	431,302	905,173	537	128,000	559,302	312,388,000
Greece	29,000	50,000	29	4,000	33,000	6,308,013
Guatemala	7,000	86,900	.....	.....	7,000	1,100,000
Haiti	6,828	.....	6	.....	6,828	.....
Honduras	25,000	.....	.....	.....	25,000	719,690
Italy	288,409	2,000,000	161	30,398	318,807	87,124,700
Japan	225,000	800,000	229	36,080	261,080	53,810,007
Mexico	29,966	84,500	10	1,163	31,129	10,229,881
Montenegro	30,000	.....	.....	.....	30,000	32,250
Morocco	12,400	40,000	2	.....	12,400	.....
Nepal	30,000	.....	.....	.....	30,000	.....
Netherlands	34,662	64,000	95	8,572	43,234	18,520,612
Nicaragua	4,000	40,000	8	.....	4,000	650,000
Norway†	80,000	110,000	42	1,280	81,280	6,690,975
Panama	300	.....	2	50	.....	.....
Paraguay	2,600	.....	3	.....	2,600	.....
Persia	91,334	130,000	8	.....	91,334	.....
Peru	4,000	.....	5	.....	4,000	2,820,785
Portugal	30,000	300,000	67	.....	30,000	11,944,000
Roumania	93,642	220,000	25	.....	93,642	12,234,937
Russia	1,800,000	4,000,000	220	60,000	1,860,000	284,981,909
Salvador	3,000	21,000	1	.....	3,000	1,200,000
Santo Domingo	1,300	.....	1	.....	1,300	.....
Servia	35,605	200,000	1	.....	35,605	5,408,985
Siam	26,200	.....	22	5,000	31,200	.....
Spain	92,000	250,000	21	.....	92,000	39,085,692
Sweden	60,492	250,000	96	.....	60,492	16,564,475
Switzerland	205,740	.....	.....	.....	205,740	8,099,765
Turkey	375,000	905,000	60	39,929	414,929	24,759,375
United States‡	91,950	.....	309	46,000	137,950	‖ 232,408,621
Uruguay	7,000	36,000	3	184	7,184	3,056,486
Venezuela	9,600	60,000	6	.....	9,600	2,000,000

*Active militia. †Troops of the line. ‡In 1909. §Warships of all kinds except those absolutely worthless, including torpedo boats, submarines, guard boats, etc. ¶Figures are chiefly for 1909-1910. A few are estimates. ‖Appropriations for 1910-1911.

UNITED STATES TELEGRAPH STATISTICS.

YEAR.	WESTERN UNION.					POSTAL TELEGRAPH.		
	Miles of wires.	Offices.	Messages.	Receipts.	Expenses.	Miles of wires.	Offices.	Messages.
1899	904,633	22,285	61,398,157	$23,954,312	$18,085,579	209,373	12,663	15,958,351
1900	933,153	22,900	63,167,783	24,758,570	18,593,206	226,485	13,100	16,528,444
1901	972,766	23,238	65,657,049	26,354,151	19,668,903	243,422	14,377	17,898,073
1902	1,029,984	23,567	69,374,883	28,073,095	20,780,766	266,122	16,248	20,086,930
1903	1,089,212	23,120	69,790,866	29,167,687	20,953,215	276,245	19,977	21,600,577
1904	1,155,405	23,458	67,903,973	29,249,390	21,361,915	302,260	21,071	22,525,528
1905	1,184,557	23,814	67,477,320	29,033,635	21,845,570	306,187	23,066	23,925,962
1906	1,256,147	24,323	71,487,082	30,675,655	23,605,072	326,815	25,314	25,500,064
1907	1,321,199	24,760	74,804,551	32,856,406	26,532,196	328,196	25,507	23,675,546
1908	1,359,430	23,853	62,371,287	28,582,212	25,179,215	256,829	25,846	23,341,437
1909	1,382,500	24,321	68,053,439	30,541,073	23,193,966	.....	.....	.....

HIGHEST MOUNTAINS IN THE WORLD.

Mountain.	Feet.	Mountain.	Feet.	Mountain.	Feet.	Mountain.	Feet.
Asia—Mt. Everest	29,002	Nanda Devi	25,600	Huascan	22,051	Chimborazo	20,498
Godwin-Austria	28,280	Mustaghata	24,400	Anconhuma	21,490	Tupungato	20,286
Kunchinginga	28,156	Chumalari	23,946	Illampu	21,192	Haina	20,171
Gusherbrum	26,378	South America—		Huandoy	21,989	San Jose	20,020
Dhawalagiri	26,826	Aconcagua	23,080	Illimani	21,030	North America—	
Kutha Kangir	24,740	Mercedario	22,315	Pamiri	20,735	McKinley	20,300

COMPARATIVE STRENGTH OF NAVIES.

[Based on tables published in Brassey's Naval Annual for 1910.]

COUNTRY.	First-class battle ships.		Second-class battle ships.		First-class cruisers.		Second-class cruisers.		Third-class cruisers.	
	No.	Displacement Tons.	No.	Displacement. Tons.	No.	Displacement. Tons.	No.	Displacement. Tons.	No.	Displacement. Tons.
Great Britain	39	658,850	23	325,000	51	629,850	34	201,060	34	109,485
United States	24	401,430	9	100,067	15	186,595	3	20,620	14	48,799
Germany	28	459,200	9	94,366	13	152,845	6	34,245	32	98,459
France	15	206,397	10	112,326	15	169,027	12	78,541	21	66,773
Japan	11	184,566	4	48,628	13	138,052	4	23,306	13	43,713
Russia	7	190,771	3	42,758	6	63,336	8	52,610	2	6,391
Italy	7	97,628	5	59,690	7	61,210	3	17,303	13	36,789

EFFECTIVE FIGHTING SHIPS.

CLASS.	Great Britain		United States.		Germany.		France.		Japan.		Russia.		Italy.	
	Built.	Building.	Built.	Building.	Built.	Building.	Built.	Building.	Built.	Building.	Built.	Building.	Built.	Building.
BATTLE SHIPS.														
Modern	32	7	20	4	17	11	7	6	8	3	3	8	6	1
Older	23	....	9	....	9	....	10	....	4	....	3	....	5	....
Total	55	7	29	4	26	11	17	6	12	3	6	8	11	1
CRUISERS.														
First class	48	5	15	....	9	4	13	2	12	1	4	2	5	2
Second class	25	9	3	....	6	....	12	....	4	....	8	....	3	....
Third class	32	2	14	....	28	4	21	....	13	....	2	....	13	....
Total	105	16	32	....	43	8	46	2	29	1	14	2	21	2

TORPEDO BOATS AND SUBMARINES.

Destroyers	150	36	25	15	92	24	61	22	52	6	82	5	21	12
Torpedo boats	116	..	28	..	70	..	150	..	48	..	74	..	45	30
Submarines	60	24	18	17	8	6	60	28	9	5	33	4	7	12

NAVAL EXPENDITURES OF CHIEF POWERS.

TOTAL EXPENDITURES.	1900.	1909.	1910.
Great Britain	£29,998,529	£35,142,700	£40,603,700
Germany	7,648,781	19,594,566	21,247,588
United States	13,385,574	28,138,261	26,515,468
France	12,511,053	13,353,524	13,659,820
Japan	.....	7,490,000	7,608,081
Russia	8,662,801	9,895,641	10,219,766
Italy	4,903,129	6,385,440	6,950,987

VOTED FOR NEW CONSTRUCTION.	1900.	1909.	1910.
Great Britain	£9,788,146	£8,660,202	£13,279,830
Germany	3,401,907	8,366,438	11,921,195
United States	4,344,127	7,798,815	6,222,100
France	4,718,566	5,315,790	5,918,282
Japan	.....	2,967,918	.....
Russia	3,149,014	2,703,721	.....
Italy	1,156,921	1,866,358	2,662,406

LIFE INSURANCE IN THE UNITED STATES.

YEAR.	ORDINARY.		INDUSTRIAL.		TOTAL.	
	Policies.	Amount.	Policies.	Amount.	Policies.	Amount.
1850	29,407	$68,614,189	.....	.....	.....	.....
1860	60,000	180,000,000	.....	.....	.....	.....
1870	839,226	2,262,847,000	.....	.....	.....	.....
1880	679,690	1,564,183,532	236,674	$20,533,469	916,364	$1,584,717,001
1890	1,319,561	3,620,057,439	3,883,529	429,521,128	5,203,090	4,049,578,567
1900	3,176,051	7,093,152,380	11,219,296	1,468,986,366	14,395,347	8,562,138,746
1908	6,164,730	11,850,032,581	19,687,675	2,668,919,696	25,852,405	14,518,952,277

YEAR.	Total income.	Payments to policyholders.	Assets.	Liabilities.	Surplus.
1890	$196,938,069	$90,007,820	$770,972,061	$678,681,309	$92,290,752
1900	400,257,603	168,687,601	1,742,414,173	1,493,378,709	249,035,464
1908	703,930,149	335,777,925	3,399,347,246	2,925,344,468	474,002,778

FIRE AND MARINE INSURANCE.

YEAR.	Companies.	Income.	PAYMENTS TO POLICYHOLDERS		
			Losses.	Dividends	Total.
1890	580	$157,857,983	$75,334,517	$5,334,495	$80,768,012
1900	493	198,312,577	108,307,171	8,446,110	116,753,281
1908	596	334,498,515	165,374,865	17,781,107	183,155,972

CASUALTY AND MISCELLANEOUS INSURANCE

YEAR.	Companies.	Income.	Payments to policyholders.
1890	34	$9,758,413	$2,933,306
1900	62	32,309,619	10,166,796
1908	173	84,295,656	30,404,759

The Navy of the United States.

Corrected to Nov. 1, 1910.

ACTIVE LIST.

ADMIRAL.

George Dewey, president general board.

REAR-ADMIRALS.

Conway H. Arnold, president examining and retiring boards.
Raymond P. Rogers, president naval war college.
Seaton Schroeder, commanding U. S. Atlantic fleet.
Richard Wainwright, aid for operations navy department.
William P. Potter, aid for personnel navy department.
Giles B. Harber, waiting orders.
Newton E. Mason, chief of bureau of ordnance.
Uriah R. Harris, governor of naval home.
Edward B. Barry, commanding U. S. Pacific fleet.
Thomas S. Phelps, special duty.
Kossuth Niles, member examining and retiring boards.
Samuel P. Comley, waiting orders.
John Hubbard, commanding U. S. Asiatic fleet.
Lewis C. Heilner, supervisor naval auxiliaries.
Joseph B. Murdock, commanding 4th division U. S. Atlantic fleet.
Hugo Osterhaus, commandant navy yard, Mare island.
Charles E. Vreeland, commanding 2d division U. S. Atlantic fleet.
Aaron Ward, aid for inspections.
Sidney A. Staunton, commanding 5th division U. S. Atlantic fleet.
Chauncey Thomas, commanding 2d division U. S. Pacific fleet.
William A. Marshall, commandant navy yard, Norfolk.
Lucien Young, commandant navy yard, Pensacola.
William H. H. Sutherland, president board of inspection and survey.
Charles E. Fox, commandant navy yard, Charleston.
John C. Fremont, commandant navy yard, Boston.
Albert Mertz, commandant naval station, Cavite.

CAPTAINS.

Vincendon L. Cottman, navy yard, Puget sound.
Thomas B. Howard, member general board.
Walter C. Cowles, commandant naval station, Hawaii.
Austin M. Knight, special duty.
Charles J. Badger, commanding Kansas.
*Reginald F. Nicholson, chief of bureau of navigation.
Frank A. Wilner, commandant navy yard, Portsmouth.
Charles B. T. Moore, waiting orders.
Alfred Reynolds, commanding Franklin.
Bradley A. Fiske, member general board.
John M. Bowyer, superintendent naval academy.
George B. Ransom, inspector of machinery.
Abraham V. Zane, navy yard, Portsmouth.
John R. Edwards, inspector of machinery.
James M. Helm, commanding Wabash.
Albert R. Willits, inspector of machinery.
Cameron McR. Winslow, supervisor New York harbor.
Nathaniel R. Usher, commanding Michigan.
Frank F. Fletcher, aid for material.
Frank E. Beatty, commandant navy yard, Washington.
Robert M. Doyle, inspector 3d lighthouse district.
Wythe M. Parks, member examining and retiring boards.
Frank H. Bailey, inspector of machinery.
William B. Caperton, member examining and retiring boards.
James T. Smith, navy yard, New York.
George S. Willits, inspector of machinery.
Walter F. Worthington, inspector of machinery.
William N. Little, inspector of machinery.
Templin M. Potts, chief intelligence officer.
Burns T. Walling, commandant naval station, San Juan, P. R.
Clifford J. Boush, commanding North Carolina.
Henry T. Mayo, commanding California.
Charles C. Rogers, navy yard, Norfolk.
John T. Newton, commanding Nebraska.
Benjamin Tappan, navy yard, Mare island.
Charles F. Bond, commanding Pennsylvania.
Walter McLean, commanding Vermont.
Washington I. Chambers, navy department.
James C. Gilmore, commanding Maryland.
Charles A. Gove, commanding Delaware.
DeWitt Coffman, commanding New Jersey.
Thomas D. Griffin, waiting orders.
Reynold T. Hall, inspector of machinery.
William F. Fullam, commanding Mississippi.
Albert G. Winterhalter, commanding Louisiana.
John M. Orchard, commanding West Virginia.
Augustus F. Fecteler, commanding South Carolina.
Albert Gleaves, commanding North Dakota.
James P. Parker, navy yard, Norfolk.
Ben W. Hodges, commanding Wisconsin.
Herbert O. Dunn, commanding Idaho.
Albert W. Grant, commandant navy yard, Philadelphia.
William S. Benson, duty with Utah.
Thomas S. Rogers, commanding New Hampshire.
John G. Quinby, commanding Montana.
James H. Glennon, commanding Virginia.
William R. Rush, commanding Connecticut.
Harry S. Knapp, commanding Tennessee.
William L. Rodgers, commanding Georgia.
Harry McL. P. Huse, navy yard, Philadelphia.
Roy C. Smith, navy department.
George W. McElroy, inspection duty.
Robert S. Griffin, assistant to bureau of steam engineering.
Edward Lloyd, Jr., waiting orders.
Richard M. Hughes, commanding Washington.
George R. Clark, commanding Iowa.
George E. Burd, navy yard, New York.
John H. Shipley, naval attache Tokyo and Pekin.
James H. Oliver, naval war college.
John E. Craven, navy yard, Boston.
John J. Knapp, hydrographer.
John Hood, commanding Rhode Island.
Edward E. Hayden, commandant naval station, Key West.
Benjamin C. Bryan, navy yard, Philadelphia.
Charles H. Harlow, recruiting duty, New York.
Clarence A. Carr, inspector of machinery.
William A. Gill, commanding Colorado.
Harold P. Norton, inspector of machinery.
Frank M. Bennett, commanding South Dakota.
John H. Gibbons, member of general board.
*Rank of rear-admiral while chief of bureau.

COMMANDERS.

Thomas Snowden, board of inspection and survey.
George R. Salisbury, commanding Wilmington.
John L. Purcell, commanding Lancaster.
Robert F. Lopez, waiting orders.
Frank W. Kellogg, commanding Indiana.
Reuben O. Bitler, commanding Helena.
Charles C. Marsh, navy department.
Harry Phelps, commanding Culgoa.
Albert P. Niblack, naval attache, Rio de Janeiro.
Edward Simpson, naval attache, London.
Thomas W. Kincaid, naval academy.
William S. Sims, commanding Minnesota.
Louis S. Van Duzer, navy yard, New York.
Wilson W. Buchanan, inspector 2d lighthouse district.
William J. Maxwell, general board.
William S. Smith, board of inspection and survey.
John F. Luby, commanding Des Moines.
Hugh Rodman, navy yard, Mare island.
John A. Hoogewerff, general board.
Edward A. Capehart, assistant to bureau of ordnance.
Henry B. Wilson, assistant to bureau of navigation.
Gustav Kaemmerling, inspector of machinery.
Emil Thiess, board of inspection and survey.
Spencer S. Wood, general board.
Guy W. Brown, training station, San Francisco.
William B. Fletcher, commanding Birmingham.
Marbury Johnston, navy yard, Portsmouth.
Edward A. Anderson, commanding Yorktown.
Joseph L. Jayne, commanding New York.
Albert L. Key, commanding Texas.

William L. Howard, navy yard, Philadelphia.
Robert B. Higgins, inspector of machinery.
John C. Leonard, South Carolina.
John M. Ellicott, lighthouse inspector, 17th district.
Charles W. Dyson, bureau of steam engineering.
Frederick L. Chapin, naval attache, American embassy, Paris and St. Petersburg.
Alexander S. Halstead, commanding Vicksburg.
Harry A. Field, inspector 6th lighthouse district.
Charles M. Knepper, naval station, Olongapo.
Clarence S. Williams, commanding Albany.
Frank K. Hill, naval war college.
Roger Welles, commanding New Orleans.
John D. McDonald, inspector 1st lighthouse district.
Hillary P. Jones, navy yard, Washington.
William R. Shoemaker, chief of staff U. S. Atlantic fleet.
Charles M. Fahs, Asiatic station.
Charles P. Plunkett, commanding Missouri.
Volney O. Chase, commanding Montgomery.
Patrick W. Hourigan, commanding training station, Newport.
William G. Miller, Asiatic station.
George W. Kline, inspector of ordnance.
Joseph Strauss, office aid for material.
Robert L. Russell, judge-advocate general of the navy.
Harrison A. Bispham, Asiatic station.
Armistead Rust, commanding Louisiana.
George R. Evans, commanding Salem.
Edward W. Eberle, commanding Wheeling.
Charles M. McCormick, waiting orders.
William W. Gilmer, commanding Paducah.
Robert E. Coontz, naval academy.
William H. G. Bullard, naval academy.
Webster A. Edgar, commanding Monterey.
Joseph W. Oman, navy yard, New York.
Philip Andrews, aid to secretary of the navy.
Harold K. Hines, commanding Dubuque.
George F. Cooper, commanding Marietta.
Josiah S. McKean, commanding Panther.
Charles H. Hayes, commanding Princeton.
Kenneth McAlpine, inspector of machinery.
Benton C. Decker, commanding Chester.
Mark L. Bristol, in charge torpedo station, Newport.
Newton A. McCully, naval war college.
Levi C. Bertolette, commanding Philadelphia.
Edward T. Witherspoon, commanding Prairie.
George W. Logan, commanding Mayflower.
Henry E. Bryan, Vermont.
Andrew T. Long, naval attache, Rome and Vienna.
Edward H. Durell, naval academy.
Archibald H. Scales, commanding Olympia.
Victor Blue, chief of staff Pacific fleet.
Charles M. Stone, commanding Buffalo.
Thomas Washington, bureau of navigation.
Archibald H. Davis, commanding Tacoma.
Guy H. Burrage, commanding Albatross.
Frank Marble, naval war college.
Ashley H. Robertson, navy yard, Puget sound.
Carlo B. Brittain, commanding Massachusetts.
Casey B. Morgan, lighthouse inspector, 11th district.
William M. Crose, commanding naval station, Tutuila.
John F. Hubbard, recruiting duty, Boston.
Marcus L. Miller, commanding Glacier.
Lloyd H. Chandler, bureau of navigation.
George N. Hayward, lighthouse inspector, 3d district.
Samuel S. Robinson, bureau of steam engineering.
Charles F. Hughes, board of inspection and survey.
Albert L. Norton, bureau of ordnance.
Edward L. Beach, navy yard, Boston.
Herman O. Stickney, inspector 4th lighthouse district.
Henry A. Wiley, bureau of navigation.
Frederic B. Bassett, Jr., inspection duty.
Herbert G. Gates, Minnesota.
Richard H. Jackson, charge proving ground, Indian Head.
Arthur B. Hoff, commanding Celtic.
Nathan C. Twining, navy yard, Boston.
Benjamin F. Hutchinson, naval academy.
Thomas P. Magruder, inspection duty.
Sumner E. W. Kittelle, navy yard, Boston.
William V. Pratt, California.
Louis M. Nulton, naval academy.
George R. Marvell, naval academy.
John B. Patton, navy yard, Norfolk.
William D. MacDougall, general board.
George B. Bradshaw, navy yard, Puget sound.
Cleland N. Offley, navy yard, Puget sound.
Louis R. de Steigner, inspector 5th lighthouse district.
William W. Phelps, Delaware.
Louis A. Kaiser, bureau of steam engineering.
William C. Cole, naval academy.

LIEUTENANT-COMMANDERS.

Charles A. Brand, commandant naval station, Culebra.
Philip Williams, Idaho.
Warren J. Terhune, navy yard, New York.
George G. Mitchell, Nebraska.
Cleland Davis, Mississippi.
William K. Harrison, bureau of navigation.
Frank H. Schofield, New Hampshire.
Urban T. Holmes, bureau of steam engineering.
Jehu V. Chase, commanding Tallahassee.
Henry J. Ziegemeier, West Virginia.
Matt H. Signor, waiting orders.
George W. Williams, commanding Atlantic torpedo flotilla.
Claude B. Price, Montana.
Montgomery W. Taylor, commanding Petrel.
Carl T. Vogelgesang, naval war college.
Charles B. McVay, Jr., naval academy.
John H. Dayton, naval station, Cavite.
Lucius A. Bostwick, navy yard, Norfolk.
William A. Moffett, inspector 18th lighthouse district.
Julian A. Latimer, naval magazine, Hingham, Mass.
Douglas E. Dismukes, Tennessee.
John R. Edie, recruiting duty, Baltimore.
Reginald R. Belknap, North Dakota.
De Witt Blamer, inspector 12th lighthouse district.
John K. Robinson, bureau of steam engineering.
Arthur L. Willard, navy yard, Washington.
Edwin T. Pollock, Virginia.
Clark D. Stearns, lighthouse inspector, 10th district.
Henry C. Kuenzli, Birmingham.
John H. Rowan, naval station, Cavite.
Henry H. Hough, office naval intelligence.
Milton E. Reed, naval academy.
Harley H. Christy, naval academy.
Noble E. Irwin, Kansas.
Waldo Evans, waiting orders.
Thomas J Senn, Rhode Island.
Jay H. Sypher, compass office.
Bion B. Bierer, waiting orders.
Charles F. Preston, Michigan.
Richard H. Leigh, Washington.
Adelbert Althouse, navy yard, Washington.
William D. Brotherton, New York.
James F. Carter, Georgia.
George W. Laws, commanding Dolphin.
George C. Day, commanding Smith.
Luke McNamee, Connecticut.
Frederick L. Sawyer, inspector of ordnance.
Charles L. Hussey, Indiana.
John R. Y. Blakely, Washington.
Leon S. Thompson, South Carolina.
Frederick A. Traut, naval attache, Berlin.
John F. Hines, North Carolina.
Robert K. Crank, Wisconsin.
Stanford E. Moses, navy yard, Norfolk.
Powers Symington, naval intelligence.
Yates Stirling, Jr., commanding Paulding.
Raymond D. Hasbrouck, bureau of ordnance.
Walter Ball, naval station, Guantanamo.
Joel R. P. Pringle, commanding Perkins.
Benjamin B. McCormick, navy yard, New York.
Edw. S. Kellogg, Minnesota.
David Y. H. Allen, Nebraska.
Frank H. Clark, Jr., navy yard, New York.
Eugene L. Bisset, commanding Supply.
Edward H. Campbell, North Dakota.
Walter S. Crosley, commanding Scorpion.
Charles J. Lang, Maryland.
Henry B. Price, Delaware.
Martin E. Trench, commanding Terry.
Thomas S. Wilson, Colorado.
Henry A. Pearson, inspection duty.
Orton P. Jackson, bureau of ordnance.
Francis L. Chadwick, Franklin.
John S. Doddridge, commanding Reid.
Percy N. Olmsted, Tennessee.
John R. Brady, Rhode Island.

Allen M. Cook, navy yard, Norfolk.
Christopher C. Fewell, Pennsylvania.
Frank B. Upham, bureau of ordnance.
Andre M. Procter, Connecticut.
John L. Sticht, North Carolina.
Richard S. Douglas, California.
Alfred A. Pratt, Colorado.
Emmet R. Pollock, office judge-advocate general.
John P. J. Ryan, New Orleans.
Chester Wells, South Dakota.
Irvin V. G. Gillis, leave abroad.
Ridley McLean, general board.
Raymond Stone, navy yard, Portsmouth.
David F. Sellers, Michigan.
John T. Tompkins, commanding McCall.
Provoost Babin, inspection duty.
Simon P. Fullinwider, bureau of navigation.
Stephen V. Graham, naval academy.
Alfred W. Hinds, naval academy.
Ernest L. Bennett, Connecticut (fleet).
William P. Scott, Idaho.
Joseph M. Reeves, coal depot, Tiburon, Cal.
Roscoe C. Moody, bureau of steam engineering.
Leland F. James, West Virginia.
Frank Lyon, naval academy.
John McC. Luby, commanding Lamson.
Arthur G. Kavanagh, Mississippi.
Henry T. Baker, naval station, Cavite.
Hutch I. Cone,* engineer-in-chief, chief of bureau of steam engineering.
Roscoe C. Bulmer, Salem.
Gilbert S. Galbraith, inspection duty, bureau of ord.
Robert W. McNeely, bureau of ordnance.
Walter S. Turpin, naval war college.
William S. Whitted, navy yard, Norfolk.
George E. Gelm, naval academy.
Edwin H. Delaney, navy yard, Boston.
Frank H. Brumby, New Hampshire.
James P. Morton, commanding Flusser.
Frank P. Baldwin, navy yard, New York.
George L. Porter Stone, Chester.
Harris Laning, naval academy.
Franklin D. Karns, South Carolina.
David W. Todd, bureau of steam engineering.
John V. Klemann, naval intelligence.
Henry V. Butler, duty with general board.
Walter R. Gherardi, Delaware.
James J. Raby, naval academy.
Frederic N. Freeman, navy yard, Charleston.
William H. Standley, Pennsylvania.
Cassius B. Barnes, Colorado.
Kenneth M. Bennett, Nebraska.
Edward H. Watson, Vermont.
Michael J. McCormick, Tennessee.
Rufus Z. Johnston, Jr., training station, Newport.
Ernest F. Eckhardt, Yorktown.
Thomas D. Parker, Maryland.
Jonas H. Holden, proving grounds, Indian Head, Md.
Thomas T. Craven, Connecticut.
Daniel W. Wurtsbaugh, naval academy.
Ralph Earle, naval academy.
Gatewood S. Lincoln, navy yard, Mare island.
Ivan C. Wettengel, recruiting duty, Minneapolis.
Charles M. Tozer, waiting orders.
Wat T. Cluverius, Massachuetts.
Duncan M. Wood, Montana.
Leigh C. Palmer, inspector of target practice.
Albert W. Marshall, New York.
Thomas A. Kearney, navy department.
Arthur MacArthur, Jr., Louisiana.
Frank E. Ridgely, Kansas.
Dudley W. Knox, navy yard, Mare island.
Mark St. C. Ellis, navy yard, Mare island.
Edward McCauley, Jr., Virginia.
William L. Littlefield, waiting orders.
Earl P. Jessop, naval academy.
Henry C. Mustin, navy yard, Philadelphia.
Pope Washington, naval academy, Hancock.
Roland I. Curtin, inspector of machinery.
Arthur Crenshaw, New Jersey.
Amon Bronson, Montana.
Henry E. Yarnell, torpedo station, Newport.
Harlan P. Perrill, New Jersey.
David E. Theeleen, West Virginia.
Arthur J. Hepburn, Georgia.
Neeham L. Jones, Connecticut (staff).
Charles P. Burt, Des Moines.
Thomas C. Hart, North Dakota.
William R. White, inspection duty.
William H. Reynolds, Iowa.
Cyrus R. Miller, Georgia.
Orin G. Murfin, North Dakota.
Leonard R. Sargent, South Dakota.
Luther M. Overstreet, Delaware.
Victor S. Houston, Asiatic station.
David F. Boyd, commanding Preston.
Gilbert Chase, Vermont.
Louis C. Richardson, commanding reserve torpedo flotilla.
Walton R. Sexton, bureau of navigation.
Walter M. Falconer, Rhode Island.
Henry N. Jenson, naval academy.
William D. Leahy, California.
Andrew T. Graham, Washington.
Arthur St. C. Smith, Connecticut.
Willis McDowell, Colorado.
Austin Kautz, Minnesota.
Charles T. Owens, West Virginia.
Hilary Williams, West Virginia.
Robert W. Henderson, inspector of ordnance.
Clarence S. Kempff, Michigan.
Irwin F. Landis, California.
John Halligan, bureau of steam engineering.
William C. Watts, New York.
George L. Smith, navy yard, Washington.
Wilbur G. Briggs, naval academy.
Fletcher L. Sheffield, Virginia.
Henry C. Dinger, commanding Dayton.
Lyman A. Cotten, Connecticut.
Edward Woods, recruiting duty.
Louis Shane, Georgia.
Alexander N. Mitchell, Asiatic station.
Frank L. Pinney, Vermont.
William P. Cronan, recruiting duty.
Zeno E. Briggs, Vicksburg.
William T. Tarrant, Michigan.
Walter B. Tardy, naval academy.
William B. Wells, naval academy.
Clarence A. Ahele, Chester.
Thomas L. Johnson, Louisiana.
Yancey S. Williams, Salem.
Edward T. Constien, commanding Hist.
George T. Pettengill, Wheeling.
George C. Sweet, Tennessee.

*With rank of rear-admiral.

MEDICAL CORPS.

MEDICAL DIRECTORS.

Rank of captain.

Paul Fitzsimons, member retiring board.
Remus C. Persons, naval hospital, naval home.
Manly H. Simons, naval hospital, Mare island.
John C. Boyd, member retiring board.
Howard Wells, navy yard, Portsmouth.
David N. Bertolette, member examining and retiring boards.
Ezra Z. Derr, recruiting duty, Providence.
Lucien G. Henneberger, naval medical school hospital.
Edward H. Green, navy yard, New York, N. Y.
Samuel H. Dickson, marine barracks, Washington.
Howard E. Ames, naval training station, San Francisco.
Frank Anderson, member examining board.
Philips A. Lovering, naval hospital supply depot, New York.
William R. Du Bose, naval hospital, Norfolk, Va.

MEDICAL INSPECTORS.

Rank of commander.

Charles T. Hibbett, navy yard, Norfolk.
Henry G. Beyer, naval medical school hospital.
James E. Gardiner, recruiting duty, Boston.
George P. Lumsden, waiting orders.
James C. Byrnes, naval hospital, Newport.
James D. Gatewood, waiting orders.
Oliver Diehl, waiting orders.
John M. Edgar, naval hospital, Boston.
Philip Leach, naval hospital, Las Animas.
Lloyd W. Curtis, torpedo station, Newport.
Francis S. Nash, recruiting duty, Philadelphia.
Francis W. F. Wieber, recruiting duty, New York.
Oliver D. Norton, West Virginia.
Andrew R. Wentworth, navy yard, New York.
Thomas A. Berryhill, recruiting duty, New York.
Eugene P. Stone, navy yard, Boston.
James G. Field, Washington.
George Pickrell, waiting orders.

SURGEONS.

Rank of Lieutenant-Commander.

Albert M. D. McCormick, naval academy.
George B. Wilson, New York.
Charles F. Stokes, chief bureau of medicine and surgery.
Edward R. Stitt, naval hospital, Cavite.
Manly F. Gates, Solace.
Charles H. T. Lowndes, recruiting duty, Baltimore.
George H. Barber, naval hospital, Cavite.
Rand P. Crandall, Hancock.
George T. Smith, naval station, Hawaii.
George A. Lung, Connecticut.
Luther L. von Wedekind, naval hosp., Annapolis.
Edwin S. Bogert, naval hospital, Yokohama.
Leckinski W. Spratling, navy yard, Washington.
Robert M. Kennedy, naval hospital, San Juan.
Norman J. Blackwood, naval hospital, New York.
William C. Braisted, assistant to bureau of medicine and surgery.
Sheldon G. Evans, Pennsylvania.
Adrian R. Alfred, Minnesota.
Middleton S. Guest, navy yard, Pensacola.
Charles M. De Valin, recruiting duty, Philadelphia.
Charles P. Bagg, Colorado.
Carl DeW. Brownell, naval hospital, Las Animas.
Henry D. Wilson, recruiting duty, Boston.
Lewis Morris, waiting orders.
Edward M. Shipp, naval medical school hospital.
Charles E. Riggs, naval academy.
James F. Leys, naval training, Newport.
Frank C. Cook, North Carolina.
Ammen Farenholt, California.
Charles P. Kindleberger, navy yard, Mare island.
Arthur W. Dunbar, bureau of medicine and surgery.
Theodore W. Richards, bureau of medicine and surgery.
Moulton K. Johnson, Tennessee.
William M. Wheeler, Kansas.
Middleton S. Elliott, naval hospital, Washington, D. C.
Frank L. Pleadwell, North Dakota.
Dudley N. Carpenter, naval academy.
James C. Pryor, bureau of medicine and surgery.
Washington B. Grove, naval medical school hospital.
Raymon Spear, naval medical school hospital.
Edgar Thompson, naval station, Charleston, S. C.
James B. Dennis, navy yard, Philadelphia.
Eugene J. Grow, Solace.
Cary D. Langhorne, naval station, Philadelphia.
Joseph C. Thompson, special duty, war department.
Frederick L. Benton, Franklin.
Will M. Garton, naval hospital, Norfolk.
Frank E. McCullough, Georgia.
Francis M. Furlong, naval hospital, Boston.
Ralph T. Orvis, New Hampshire.
Granville L. Augeny, Lancaster.
William H. Bell, isthmian canal commission.
Holton C. Curl, naval station, Cavite.
Richard C. Holcomb, Delaware.
Edward G. Parker, South Dakota.
Barton L. Wright, Nebraska.
Henry E. Odell, naval station, Guam.
James S. Taylor, Mississippi.
Joseph A. Murphy, naval academy.
John T. Kennedy, Louisiana.
Karl Olmesorg, Virginia.
Charles N. Fiske, naval medical school.
Ralph W. Plummer, Idaho.
John J. Snyder, Michigan.
Edward M. Blackwell, Solace.
George F. Freeman, naval dispensary.
Fred M. Bogan, Wisconsin.
Robert E. Ledbetter, naval station, Cavite.
Charles St. J. Butler, naval medical school, Washington.
Richard B. Williams, South Carolina.
Samuel S. Rodman, Rhode Island.
John M. Brister, naval academy.
Herbert O. Shiffert, Vermont.
Allen E. Peck, naval station, Cavite.
Charles G. Smith, Montana.
James H. Payne, waiting orders.
John H. Iden, Georgia.
William Seaman, recruiting duty, New York.
Royall R. Richardson, navy yard, Portsmouth.
Frederick A. Asserson, naval hospital, Boston.
Henry A. Dunn, naval medical school hospital.
Allan Stuart, naval hospital, Boston.
Jacob Stepp, Wabash.
Herbert M. Tolfree, recruiting duty, Chattanooga.
Louis W. Bishop, Tacoma.
Archibald M. Fauntleroy, naval hospital, Philadelphia.

PAY CORPS.

PAY DIRECTORS.

With rank of captain.

John N. Speel, navy pay office, Washington, D. C.
Reah Frazer, navy yard, New York, N. Y.
Charles W. Littlefield, waiting orders.
William W. Galt, navy pay office, Norfolk, Va.
John R. Martin, general inspector pay corps.
Charles M. Ray, navy yard, Mare island.
Mitchell C. McDonald, settling accounts.
Leeds C. Kerr, sick leave.
Richard T. M. Ball, navy pay office, Newport.
Charles S. Williams, navy pay office, Boston.
Thomas J. Cowie, paymaster-general of the navy.
John S. Carpenter, navy yard, Boston.
Livingston Hunt, navy pay office, Washington, D. C.
George W. Simpson, assistant to bureau of supplies and accounts.
Samuel L. Heap, navy pay office, Baltimore.

PAY INSPECTORS.

With rank of commander.

James S. Phillips, naval academy.
Thomas S. Jewett, navy yard, Philadelphia.
Frank T. Arms, navy yard, Portsmouth.
Thomas H. Hicks, Pacific fleet, West Virginia.
Ziba W. Reynolds, navy pay office, San Francisco.
Eugene D. Ryan, navy yard, New York.
Samuel McGowan, naval home, Philadelphia.
Henry A. Dent, navy yard, Portsmouth.
William J. Little, navy pay office, New York.
Martin McM. Ramsey, New York (fleet).
Joseph J. Cheatham, navy yard, Norfolk.
Barron P. DuBois, Asiatic station.
Harry E. Briscoe, Connecticut.
George G. Seibels, navy yard, Norfolk.
Edmund W. Bonnaffon, navy yard, Mare island.

PAYMASTERS.

With rank of lieutenant-commander.

Joseph Fyffe, North Carolina.
John H. Merriam, navy yard, Washington.
Timothy S. O'Leary, training station, Newport, R. I.
George Brown, Jr., navy yard, Puget sound.
Walter B. Izard, general inspector pay corps.
David Potter, bureau of supplies and accounts.
Samuel Bryan, naval academy.
Arthur F. Huntington, navy yard, New York.
Harry H. Balthis, treatment hospital.
Charles Conrad, Nebraska.
William T. Gray, navy yard, Boston.
George P. Dyer, Colorado.
John M. Morse, Georgia.
Robert H. Woods, Delaware.
Robert H. Orr, Mississippi.
William A. Merritt, navy yard, Washington.
John Irwin, West Virginia.
Webb V. H. Rose, navy yard, Philadelphia.
Charles Morris, Jr. navy yard, New York.
Frederick K. Perkins, training station, San Francisco.
George C. Schafer, Montana.
Theodore J. Arms, Louisiana.
George R. Venable, navy yard, Portsmouth.
George M. Stackhouse, naval station, Charleston.
Gray Skipwith, Pensacola.
Trevor W. Leutze, bureau of supplies and accounts.
McGill R. Goldsborough, North Dakota.
William H. Doherty, naval station, Key West.
David D. Chadwick, navy yard, Boston.
Eugene C. Tobey, Maryland.
Jonathan Brooks, navy pay office, Manila.
Eugene F. Hall, waiting orders.
Franklin P. Sackett, Michigan.
David M. Addison, bureau of supplies and accounts.
Victor S. Jackson, navy yard, Boston.
John R. Sanford, training station, Newport.
Herbert E. Stevens, naval station, Hawaii.
Charles D. O'Leary, South Carolina.
Charles W. Eliason, navy yard, New York.
Cuthbert J. Cleborne, navy yard, Norfolk.
John D. Bobnett, bureau of supplies and accounts.
George W. Pigman, Jr., Minnesota.
George W. Reeves, Jr., naval hospital, Las Animas.

Ray Spear, naval station, Cavite.
Christian J. Peoples, bureau supplies and accounts.

With rank of lieutenant.

William B. Rogers, Kansas.
Thomas D. Harris, training station, great lakes.
John F. Hatch, naval station, Cavite.
Frederick G. Payne, bureau of supplies and accounts.
Frederick B. Colby, Hancock.
Edward E. Goodhue, Wabash.
William R. Bowne, navy yard, New York.
Rishworth Nicholson, South Dakota.
Edward T. Hoopes, navy yard, Norfolk.
Cecil S. Baker, Vermont.
Donal W. Nesbit, Connecticut.
John S. Higgins, bureau of supplies and accounts.
Ignatius T. Hagner, navy yard, Charleston.
George P. Auld, Washington.
James S. Beecher, California.
Henry A. Wise, Jr., Franklin.
Henry de F. Mel, navy pay office, Seattle.
Arthur M. Pippin, Independence.
John A. B. Smith, Lancaster.
Felix R. Holt, naval station, San Juan, P. R.
Emmett C. Gudger, Idaho.
Stewart F. Barber, bureau supplies and accounts.
Howard D. Lamar, navy yard, Philadelphia.
Ervin A. McMillan, naval station, Guam.
Eugene A. Tricon, Pennsylvania.
William C. Fite, naval station, Cavite.
David C. Crowell, bureau of supplies and accounts.
James A. Bull, naval station, Cavite.
Frank T. Watrous, sick leave.
Edward S. Stalnaker, Rhode Island.

MARINE CORPS.

MAJOR-GENERAL, COMMANDANT.

George F. Elliott, headquarters, Washington.

ADJUTANT AND INSPECTOR'S DEPARTMENT.

Charles H. Lauchheimer, adjutant and inspector, with rank of colonel, Manila, P. I.
Henry C. Haines, assistant adjutant and inspector, with rank of lieutenant-colonel, headquarters, Washington, D. C.
Rufus H. Lane, assistant adjutant and inspector, with rank of lieutenant-colonel, San Francisco.
Louis J. Magill, assistant adjutant and inspector, with rank of major, Philadelphia.
Albert S. McLemore, assistant adjutant and inspector, with rank of major, sick leave.
David D. Porter, assistant adjutant and inspector, with the rank of major, headquarters, Washington.

QUARTERMASTER'S DEPARTMENT.

Frank L. Denny, quartermaster, with the rank of colonel, headquarters, San Francisco.
Thomas O. Prince, assistant quartermaster, with rank of lieutenant-colonel, assistant quartermaster's office, Manila, P. I.
Charles L. McCawley, assistant quartermaster, with rank of lieut.-colonel, headquarters, Washington.
Cyrus S. Radford, assistant quartermaster, with rank of major, asst. quartermaster's office, Philadelphia.
William B. Lemly, assistant quartermaster, with rank of major, headquarters, Washington, D. C.
Henry L. Roosevelt, assistant quartermaster, with rank of major, San Francisco, Cal.
Norman G. Burton, assistant quartermaster, with rank of captain, Philadelphia, Pa.
Hugh L. Mathews, assistant quartermaster, with rank of captain, headquarters, Washington, D. C.
Rupert C. Dewey, assistant quartermaster, with rank of captain, Port Royal, S. C.
Frank J. Schwable, assistant quartermaster, with rank of captain, Mare island, Cal.
Percy F. Archer, assistant quartermaster, with rank of captain, headquarters, Manila, P. I.
Frank Halford, assistant quartermaster, with rank of captain, barracks, New York.
Walter E. Noa, assistant quartermaster, with rank of captain, Manila, P. I.
Seth Williams, assistant quartermaster, with rank of captain, barracks, Norfolk.
Edward W. Banker, assistant quartermaster, with rank of captain, barracks, Philadelphia, Pa.
Charles R. Sanderson, assistant quartermaster, with rank of captain, barracks, Washington.
Logan Tucker, assistant quartermaster, with rank of captain, headquarters, Camp Elliott, Panama.

PAYMASTER'S DEPARTMENT.

George Richards, paymaster, with rank of colonel, paymaster's office, Washington, D. C.
William C. Dawson, assistant paymaster, with rank of lieutenant-colonel, San Francisco, Cal.
William G. Powell, assistant paymaster, with rank of major, headquarters, Washington, D. C.
Harry C. Rissinger, assistant paymaster, with rank of major, headquarters, Washington, D. C.
Davis B. Wills, assistant paymaster, with rank of captain, New York, N. Y.
Russell B. Putnam, assistant paymaster, with rank of captain, marine barracks, Manila, P. I.

COLONELS.

William P. Biddle, headquarters, Washington.
Littleton W. T. Waller, marine barracks, Norfolk.
Randolph Dickens, comdg. barracks, Mare island.
Thomas N. Wood, comdg. barracks, Boston, Mass.
Lincoln Karmany, marine barracks, Manila, P. I.
Charles A. Doyen, marine barracks, Puget sound.
James E. Mahoney, commanding marine barracks, Washington.
George Barnett, commanding marine barracks, Philadelphia, Pa.

LIEUTENANT-COLONELS.

Franklin J. Moses, comdg. barracks, Annapolis,
Joseph H. Pendleton, marine brigade, Manila,
John A. Lejune, army war college, Washington.
Eli K. Cole, cmdg. barracks, Port Royal, S. C.
Theodore P. Kane, comdg. barracks, Portsmouth.
L. C. Lucas, army war college, Washington, D. C.
Charles G. Long, commanding barracks, Hawaii.

MAJORS.

Ben H. Fuller, comdg. marines, Charleston, S. C.
Lawrence H. Moses, comdg. barracks, Newport, R. I.
Wendell C. Neville, navy yard, Washington.
Thomas C. Treadwell, marine brigade, Manila.
Dion Williams, headquarters, Washington, D. C.
John T. Myers, sick leave.
Albertus W. Catlin, marine barracks, Philadelphia.
William N. McKelvey, marine brigade, Manila.
John H. Russell, commanding marine guard, Pekin, China.
Melville J. Shaw, commanding barracks, New London, Conn.
Philip M. Bannon, barracks, New York.
Newt H. Hall, barracks, San Francisco, Cal.
Smedley D. Butler, Camp Elliott, Panama.
Harry Leonard, comdg. naval prison, Portsmouth.
George C. Thorpe, Atlantic fleet.
Charles S. Hill, Pacific fleet.
Henry C. Davis, barracks, Guam, M. I.
George C. Reid, barracks, Norfolk.
Robert H. Dunlap, naval war college.
Henry W. Carpenter, Tennessee.

RETIRED LIST.

REAR-ADMIRALS.

John H. Upshur, Hot Springs, Va.
Stephen B. Luce, war college, Newport, R. I.
David B. Harmony, Washington, D. C.
Aaron W. Weaver, Washington, D. C.
George Brown, Indianapolis, Ind.
Francis M. Ramsay, Washington, D. C.
Oscar F. Stanton, New London, Conn.
Thomas O. Selfridge, Washington, D. C.
Edmund O. Matthews, Cambridge, Mass.
Charles S. Norton, Westfield, N. J.
John A. Howell, Warrenton, Va.
Henry L. Howison, Yonkers, N. Y.
George C. Remey, Washington, D. C.
John C. Watson, Louisville, Ky.
Winfield S. Schley, Washington, D. C.
Silas Casey, Washington, D. C.
Francis J. Higginson, Cold Spring, N. Y.
Frederick Rodgers, Washington, D. C.
Louis Kempff, San Francisco, Cal.
Robley D. Evans, Washington, D. C.
George W. Sumner, Patchogue, L. I.
Albert S. Barker, Washington, D. C.
Charles E. Clark, Washington, D. C.
Benjamin F. Day, Glasgow, Va.
Alexander H. McCormick, Annapolis, Md.
Silas W. Terry, Washington, D. C.

Merrill Miller, Berkeley, Cal.
Robert M. Berry, Detroit, Mich.
Samuel W. Very, Newton Center, Mass.
George H. Bicknell, New Albany, Ind.
John P. Merrell, Newport, R. I.
Mortimer L. Johnson, Portsmouth, N. H.
William G. Buehler, Philadelphia, Pa.
Henry B. Robeson, Walpole, N. H.
Philip H. Cooper, Morristown, N. J.
George H. Wadleigh, Dover, N. H.
Yates Stirling, Baltimore, Md.
William C. Wise, Monroe, Va.
Francis A. Cook, Northampton, Mass.
Purnell F. Harrington, Riverdale, N. Y.
Eugene H. C. Leutze, navy yard, New York.
Edward D. Taussig, leave abroad.
Royall R. Ingersoll, Laporte, Ind.
Thomas C. McLean, Washington, D. C.
Gottfried Blacklinzer, Dubuque, Iowa.
Nathan E. Niles, Alexandria, Va.
Daniel D. V. Stuart, Washington, D. C.
Nicoll Ludlow, New York, N. Y.
Allen V. Reed, Washington, D. C.
Alfred T. Mahan, Quogue, N. Y.
George W. Melville, Philadelphia, Pa.
Colby M. Chester, navy department.
Charles D. Sigsbee, Metropolitan club, Washington.
Benjamin P. Lamberton, Washington, D. C.
French E. Chadwick, Newport, R. I.
Albert Ross, commandant training station, great lakes, Illinois.
James H. Sands, Washington, D. C.
Albert S. Snow, Brookline, Mass.
William W. Mead, New York, N. Y.
Richardson Clover, Los Angeles, Cal.
Harrison G. O. Colby, Boston, Mass.
Leavitt C. Logan, Washington, D. C.
William S. Cowles, chief of bureau of equipment.
Joseph Trilley, San Francisco, Cal.
William H. Whiting, New York, N. Y.
Charles O'Neil, Boston, Mass.
Uriel Sebree, Coronado, Cal.
William Swift, navy department.
Conway H. Arnold, leave abroad.
Adolph Marix, leave abroad.
John A. Rodgers, Havre de Grace, Md.
Theodore F. Jewell, leave abroad.
William M. Folger, Windsor, Vt.
Cipriano Andrade, New York, N. Y.
John Lowe, Brandon, Vt.
John Schouler, Annapolis, Md.
George F. F. Wilde, North Easton, Mass.
Charles H. Davis, Jamestown, R. I.
George W. Pigman, Mountain Lake Park, Md.
John McGowan, Washington, D. C.
James M. Forsyth, Shamokin, Pa.
Caspar F. Goodrich, Pomfret, Conn.
Charles S. Sperry, Newport, R. I.
Edwin C. Pendleton, Philadelphia, Pa.
Edwin K. Moore, Boston, Mass.
Royal B. Bradford, Washington, D. C.
James E. Craig, Washington, D. C.
George C. Reiter, Washington, D. C.
Willard H. Brownson, Washington, D. C.
Edwin Longnecker, Wernersville, Pa.
George E. Ide, New York, N. Y.
Thomas Perry, Port Deposit, Md.
Charles H. Stockton, Washington, D. C.
Henry W. Lyon, Paris, Me.
James H. Dayton, South Bend, Ind.
John D. Adams, leave abroad.
Arthur P. Nazro, Jamaica Plains, Mass.
William W. Kimball, Paris, Me.
Herbert Winslow, Brookline, Mass.
Albert G. Berry, Annapolis, Md.
Thomas S. Phelps, commandant training station, San Francisco, Cal.
Corwin P. Rees, comdt. naval station, Hawaii.
William H. Emory, Roslyn, L. I.
Albert R. Conden, Washington, D. C.
John E. Pillsbury, Washington, D. C.
Franklin J. Drake, Washington, D. C.
George M. Book, San Antonio, Tex.
Oscar W. Farenholt, San Francisco, Cal.
Edward T. Strong, Albany, N. Y.
Eugene W. Watson, Louisville, Ky.
John F. Merry, Somerville, Mass.
William C. Gibson, Brooklyn, N. Y.
Washburn Maynard, Brookline, Mass.
Morris R. S. Mackenzie, Morristown, N. J.
John J. Hunker, Put-in-Bay, O.
Franklin Hanford, Scottsville, N. Y.
Chapman C. Todd, Frankfort, Ky.
Henry N. Manney, Point Lomo, Cal.
Charles T. Hutchins, Greenport, Long island, N. Y.
Harry Knox, Annapolis, Md.
Charles H. West, Brooklyn, N. Y.
Joseph G. Eaton, Assinippi, N. Y.
Henry B. Mansfield, Brooklyn, N. Y.
John D. Ford, Baltimore, Md.
Frederick M. Symonds, Galesville, Wis.
Albert C. Dillingham, navy yard, Norfolk, Va.
John B. Milton, commandant training station, San Francisco, Cal.
John V. B. Bleecker, Jamestown, R. I.
Andrew Dunlap, Washington, D. C.
John A. B. Smith, Brooklyn, N. Y.
Edward H. Gheen, Washington, D. C.
Wells L. Field, leave abroad.
Alexander B. Bates, Binghamton, N. Y.
William H. Reeder, leave abroad.
Harrie Webster, Richmond, Va.
Richard Inch, Washington, D. C.
George W. Baird, Washington, D. C.
Francis H. Delano, Annapolis, Md.
Charles T. Forse, Pittsburg, Pa.
Frederic Singer, leave abroad.
Arthur B. Speyers, New York, N. Y.
Ebenezer S. Prime, Huntington, N. Y.
Thomas H. Stevens, Washington, D. C.
John M. Hawley, Washington, D. C.
Perry Garst, Annapolis, Md.
George P. Colvocoresses, Washington, D. C.
William P. Day, Glasgow, Va.
Warner B. Bayley, Washington, D. C.
William Everett, Newport, R. I.

UNITED STATES LIFE-SAVING SERVICE.

The life-saving establishment at the close of the fiscal year ended June 30, 1909, comprised 281 stations, of which 201 were on the Atlantic and gulf coasts, 60 on the coasts of the great lakes, 19 on the Pacific coast and 1 on the Ohio river at Louisville, Ky. The crews numbered in all about 600 men. Statistics of the service for the year ended June 30, 1909, and from Nov. 1, 1871, when the system was established, to June 30, 1909, follow:

	1909.	1871-1909.
Disasters	1,376	19,787
Value vessels	$13,143,610	$202,042,430
Value cargoes	$2,962,470	$79,110,159
Property involved	$16,106,080	$281,152,589
Property saved	$13,810,700	$224,934,732
Property lost	$2,295,380	$56,217,857
Persons on board	8,900	136,295
Persons lost	30	1,224
Persons succored	613	22,133
Days' succor given	1,050	51,169

The total number of disasters on the lake coasts in the course of the year ended June 30, 1909, was 525; value of property involved, $7,663,135; property saved, $7,245,515; property lost, $417,620; persons on board, 2,765; persons lost, 19; persons succored at stations, 123; days' succor afforded, 171.

LYNCHINGS IN THE UNITED STATES.

Year.	No.	Year.	No.	Year.	No.	Year.	No.
1894	190	1899	107	1903	106	1907	33
1895	171	1900	116	1904	90	1908	68
1896	131	1901	135	1905	66	1909	36
1897	166	1902	96	1906	68	1910	45
1898	127						

LIST OF SHIPS OF THE UNITED STATES NAVY.

NOTE—Abbreviations: T. S., twin screw; Tr. S., triple screw; S., screw. Where size of guns is expressed in inches, only main battery is given. Where size is expressed in pounds and under four inches, vessels have only a secondary battery.

THE FLEET.

FIRST-CLASS BATTLE SHIPS.	Displacement.	Length.	Beam.	Maximum draft.	Speed (trial).	Propulsion.	Maximum coal supply.	Steaming radius at 10 knots.	Battery, guns.
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots		Tons		
Alabama	11,552	368 0	72 2	23 6	17.01	T.S.	1,275	4,591	4 13-in., 14 6-in.
Connecticut	16,000	450 0	76 10	24 6	18.00	T.S.	2,275	5,000	4 12-in., 8 8-in., 12 7-in.
Delaware	20,000	510 0	85 2	26 11	21.00	T.S.	2,500	.....	10 12-in., 14 5-in.
Georgia	14,948	435 0	76 2	23 9	19.26	T.S.	1,925	3,800	4 12-in., 8 8-in., 12 6-in.
Idaho	13,000	375 0	77 0	24 8	17.00	T.S.	1,750	.....	4 12-in., 8 8-in., 8 7-in.
Illinois	11,552	368 0	72 2	23 6	17.45	T.S.	1,275	4,250	4 13-in., 14 6-in.
Indiana	10,288	348 0	69 3	24 0	16.55	T.S.	1,500	4,600	4 13-in., 8 8-in., 4 6-in.
Iowa	11,346	360 0	72 2	24 0	17.09	T.S.	1,650	4,500	4 12-in., 8 8-in., 4 4-in.
Kansas	16,000	450 0	76 10	24 6	18.09	T.S.	2,350	.....	4 12-in., 8 8-in., 12 7-in.
Kearsarge	11,520	368 0	72 2	23 6	16.82	T.S.	1,500	5,316	4 13-in., 4 8-in., 14 5-in.
Kentucky	11,520	368 0	72 2	23 6	16.90	T.S.	1,500	5,360	4 13-in., 4 8-in., 14 5-in.
Louisiana	16,000	450 0	76 10	24 6	18.82	T.S.	2,400	5,000	4 12-in., 8 8-in., 12 7-in.
Maine	12,500	388 0	72 2	23 10	18.00	T.S.	1,875	4,925	4 12-in., 16 6-in.
Massachusetts	10,288	348 0	69 3	24 0	16.21	T.S.	1,475	4,500	4 13-in., 8 8-in.
Michigan	16,500	450 0	80 2	24 6	18.50	T.S.	2,200	.....	8 12-in., 22 3-in.
Minnesota	16,000	450 0	76 10	24 6	18.85	T.S.	2,400	.....	4 12-in., 8 8-in., 12 7-in.
Mississippi	13,000	375 0	77 0	24 8	17.10	T.S.	1,750	.....	4 12-in., 8 8-in., 8 7-in.
Missouri	12,500	388 0	72 2	23 11	18 15	T.S.	1,825	4,900	4 12-in., 16 6-in.
Nebraska	14,948	435 0	76 2	23 9	19.06	T.S.	1,775	.....	4 12-in., 8 8-in., 12 6-in.
New Hampshire	16,000	450 0	76 10	24 6	18.00	T.S.	2,325	.....	4 12-in., 8 8-in., 12 7-in.
New Jersey	14,948	435 0	76 2	23 9	19 18	T.S.	2,000	.....	4 12-in., 8 8-in., 12 6-in.
North Dakota	20,000	510 0	85 2	26 11	21.00	T.S.	2,500	.....	10 12 in., 14 5-in.
Ohio	12,500	388 0	72 2	23 7	17.82	T.S.	2,150	4,900	4 12-in , 16 6-in.
Oregon	10,288	348 0	69 3	24 0	16.79	T.S.	1,450	5,300	4 13-in., 8 8-in.
Rhode Island	14,948	435 0	76 2	23 9	19.01	T.S.	2,000	.....	4 12-in., 8 8-in., 12 6-in.
South Carolina	16,500	450 0	80 2	24 6	18.50	T.S.	2,200	.....	8 12-in., 22 3-in.
Vermont	16,000	450 0	76 10	24 6	18.33	T.S.	2,425	.....	4 12 in., 8 8-in., 12 7-in.
Virginia	14,948	435 0	76 2	23 9	19.01	T.S.	1,900	.....	4 12-in., 8 8-in., 12 6-in.
Wisconsin	11,552	368 0	72 2	23 6	17.17	T.S.	1,250	4,200	4 13-in., 14 6-in.
ARMORED CRUISERS.									
Brooklyn	9,215	400 6	64 8	24 0	21.91	T.S.	1,350	5,000	8 8-inch, 12 5-inch.
California	13,680	502 0	69 6	24 1	22.20	T.S.	2,075	.....	4 8-inch, 14 6-inch.
Colorado	13,680	502 0	69 6	24 1	22.24	T.S.	1,825	5,000	4 8-inch, 14 6-inch.
Maryland	13,680	502 0	69 6	24 1	22.41	T.S.	1,950	5,000	4 8-inch, 14 6-inch.
Montana	14,500	502 0	72 10	25 0	22.26	T.S.	1,950	.....	4 10-inch, 16 6-inch.
New York	8,150	380 6	64 10	23 3	21.00	T.S.	1,325	4,800	4 8-inch, 10 5-inch.
North Carolina	14,500	502 0	72 10	25 0	22.00	T.S.	1,950	.....	4 10-inch, 16 6-inch.
Pennsylvania	13,680	502 0	69 6	24 1	22.44	T.S.	1,825	5,000	4 8-inch, 14 6-inch.
South Dakota	13,680	502 0	69 6	24 1	22.24	T.S.	2,075	5,000	4 8-inch, 14 6-inch.
Tennessee	14,500	502 0	72 10	25 0	22.16	T.S.	1,975	.....	4 10-inch, 16 6-inch.
Washington	14,500	502 0	72 10	25 0	22.27	T.S.	1,950	.....	4 10-inch, 16 6-inch.
West Virginia	13,680	502 0	69 6	24 1	22.15	T.S.	1,950	5,000	4 8-inch, 14 6-inch.
PROTECTED CRUISERS.									
Albany	3,430	346 0	43 9	16 10	20.50	T.S.	750	4,372	10 5-inch.
Atlanta	3,000	277 5	42 2	16 10	15.60	S.	575	3,594	2 8-inch, 6 6-inch.
Baltimore	4,413	327 6	48 7	19 6	20.10	T.S.	1,075	5,300	12 6-inch.
Charleston	9,700	424 0	66 0	22 6	22.04	T.S.	1,700	.....	14 6-inch.
Chattanooga	3,200	292 0	44 0	15 9	16.65	T.S.	675	6,925	10 5-inch.
Chicago	4,500	325 0	48 2	19 0	18.00	T.S.	850	3,806	4 8-inch, 14 5-inch.
Cincinnati	3,183	300 0	42 0	18 0	19.00	T.S.	575	4,560	11 5-inch.
Cleveland	3,200	292 0	44 0	15 9	16.45	T.S.	675	6,925	10 5-inch.
Columbia	7,350	411 7	58 2	22 6	22.80	Tr. S.	1,525	6,800	1 8-inch, 2 6-in., 8 4-in.
Denver	3,200	292 0	44 0	15 9	16.75	T.S.	675	6,925	10 5-inch.
Des Moines	3,200	292 0	44 0	15 9	16.65	T.S.	700	6,925	10 5-inch.
Galveston	3,200	292 0	44 0	15 9	16.41	T.S.	700	6,925	10 5-inch.
Milwaukee	9,700	424 0	66 0	22 6	22.22	T.S.	1,650	.....	14 6-inch.
Minneapolis	7,350	411 7	58 2	22 6	23.07	Tr. S.	1,400	6,300	1 8-inch, 2 6-in., 8 4-in.
Newark	4,083	311 5	49 2	18 9	19.00	T.S.	800	4,440	12 6-inch.
New Orleans	3,430	346 0	43 9	16 10	20.00	T.S.	750	4,682	10 5-inch.
Olympia	5,865	340 0	53 0	21 6	21.69	T.S.	1,075	4,200	4 8-inch, 10 5-in.
Raleigh	3,183	300 0	42 0	18 0	19.00	T.S.	575	4,560	11 5-inch.
San Francisco	4,083	310 0	49 2	18 9	19.52	T.S.	625	4,000	12 6-inch.
St. Louis	9,700	424 0	66 0	22 6	22.13	T.S.	1,650	.....	14 6-inch.
Tacoma	3,200	292 0	44 0	15 9	16.58	T.S.	675	5,000	10 5-inch.
Topeka	2,255	251 0	35 0	17 8	16.00	T.S.	394	3,800	.....
UNPROTECTED SCOUT CRUISERS.									
Birmingham	3,750	420 0	47 1	16 9	24.33	T.S.	1,250	.....	2 5-inch, 6 3-inch.
Chester	3,750	420 0	47 1	16 9	26.52	Turb.	1,250	.....	2 5-inch, 6 3-inch.
Salem	3,750	420 0	47 1	16 9	25.95	Turb.	1,250	.....	2 5-inch, 6 3-inch.
UNPROTECTED CRUISERS.									
Marblehead	2,072	257 0	37 0	14 6	18.44	T.S.	346	3,126	10 5-inch.
Montgomery	2,072	257 0	37 0	14 6	19.06	T.S.	280	3,126	.....
TORPEDO-BOAT DESTROYERS.									Tor. tubes. Guns.
Bainbridge	420	245 0	23 1	6 6	28.45	T.S.	169	.....	2 18-in., 2 3-in., 5 6-pdr.
Barry	420	245 0	23 1	6 6	28.13	T.S.	169	.....	2 18-in., 2 3-in., 5 6-pdr.

LIST OF SHIPS OF THE UNITED STATES NAVY.—CONTINUED.

TORPEDO-BOAT DESTROYERS,	Displacement.	Length.	Beam.	Maximum draft.	Speed (trial).	Propulsion.	Maximum coal supply.	Steaming radius at 10 knots.	Battery, guns.
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots		Tons		
Chauncey	420	245 0	23 1	6 6	28.64	T.S.	169	3,024	2 18-in., 2 3-in., 5 6-pdr.
Dale	420	245 0	23 1	6 6	28.00	T.S.	174	1,044	2 18-in., 2 3-in., 5 6-pdr.
Decatur	420	245 0	23 1	6 6	28.10	T.S.	174	1,044	2 18-in., 2 3-in., 5 6-pdr.
Flusser	700	289 0	26 0	8 0	30.41	T.S.	295	.....	3 18-in., 5 3-in.
Hopkins	408	238 9	23 1	6 0	29.02	T.S.	143	.....	2 18-in., 2 3-in., 5 6-pdr.
Hull	408	238 9	23 1	6 0	28.04	T.S.	143	.....	2 18-in., 2 3-in., 5 6-pdr.
Lamson	700	289 0	26 0	6 2	28.90	T.S.	285	.....	3 18-in., 5 3-in.
Lawrence	400	240 7	22 3	6 2	28.41	T.S.	108	.....	2 18-in., 2 3-in., 5 6-pdr.
Macdonough	400	240 7	22 3	6 2	28.03	T.S.	108	1,920	2 18-in., 7 6-pdr.
Pauilding	742	280 0	26 1	8 4	29.50	T.S.	298	.....	3 18-in., 5 3-in.
Paul Jones	420	245 0	23 1	6 6	28.91	T.S.	168	1,500	2 18-in., 2 3-in., 5 6-pdr.
Perry	420	245 0	23 1	6 6	28 32	T.S.	168	1,500	2 18-in., 2 3-in., 5 6-pdr.
Preble	420	245 0	23 1	6 6	28.05	T.S.	172	1,500	2 18-in., 2 3-in., 5 6-pdr.
Preston	700	289 0	26 0	8 0	28.00	T.S.	298	.....	3 18 in., 5 3-in.
Reid	700	289 0	26 0	8 0	31.82	T.S.	298	.....	3 18 in., 5 3-in.
Roe	742	289 0	26 1	8 0	29.50	T.S.	298	.....	3 18 in., 5 3-in.
Smith	700	289 0	26 0	8 0	28.35	T.S.	298	.....	3 18 in., 5 3-in.
Stewart	420	245 0	23 1	6 6	29.69	T.S.	172	.....	2 18-in., 2 3-in., 5 6-pdr.
Truxtun	433	248 0	22 3	6 0	29.58	T.S.	166	.....	2 18 in., 2 3-in., 6 6-pdr.
Whipple	433	248 0	22 3	6 0	28.24	T.S.	166	.....	2 18-in., 2 3-in., 6 6-pdr.
Worden	433	248 0	22 3	6 0	29.86	T.S.	166	.....	2 18-in., 2 3-in., 6 6-pdr.

COAST-DEFENSE VESSELS.

SECOND-CLASS BATTLE SHIP.										
Texas	6,315	301 4	64 1	22 6	17.80	T.S.	850	2,900	2 12-inch, 6 6-inch.
MONITORS.									
Amphitrite	3,990	259 3	55 4	14 6	10.50	T.S.	271	1,370	4 10-inch, 2 4-inch.
Ozark	3,225	252 0	50 0	12 6	12.03	T.S.	344	1,680	2 12-inch, 4 4-inch.
Tallahassee	3,225	252 0	50 0	12 6	12.40	T.S.	355	1,680	2 12-inch, 4 4-inch.
Miantonomoh	3,990	260 3	55 4	14 6	10.50	T.S.	250	1,378	4 10-inch.
Monadnock	3,990	258 6	55 5	14 6	12.00	T.S.	336	2,179	4 10-inch, 2 4-inch.
Monterey	4,084	256 0	59 0	14 10	13.60	T.S.	206	1,430	2 12-inch, 2 10-inch.
Tonopah	3,225	252 0	50 0	12 6	13.04	T.S.	338	1,680	2 12-inch, 4 4-inch.
Puritan	6,060	290 3	60 1	18 0	12.40	T.S.	306	1,140	4 12-inch, 6 4-inch.
Terror	3,990	258 8	55 6	14 6	10.50	T.S.	276	1,300	4 10-inch, 4 4-inch.
Cheyenne	3,225	252 0	50 0	12 6	11.80	T.S.	*129	1,680	2 12-inch, 4 4-inch.
TORPEDO BOATS.								14knots	Torpedo tubes.
Bagley	175	157 0	17 7	4 11	29.15	T.S.	43	3,000	3 18-inch Whitehead.
Bally	280	205 0	19 3	6 10	30.20	T.S.	99	.....	2 18-inch Whitehead.
Barney	175	157 0	17 7	4 11	29.04	T.S.	43	3,000	3 18-inch Whitehead.
Biddle	175	157 0	17 7	4 11	28.57	T.S.	43	.....	3 18-inch Whitehead.
Blakely	196	175 1	17 9	5 11	25.58	T.S.	72	.....	3 18-inch Whitehead.
Cushing	105	138 9	14 3	4 10	22.50	T.S.	36	1,092	3 18-inch Whitehead.
Davis	154	146 0	15 4	5 10	23.41	T.S.	40	.....	3 18-inch Whitehead.
Dahlgren	146	147 0	16 4	4 7	30.00	T.S.	32	.....	2 18-inch Whitehead.
DeLong	196	175 1	17 9	5 11	25.52	T.S.	72	.....	3 18-inch Whitehead.
DuPont	165	175 0	17 8	4 8	28.58	T.S.	76	.....	3 18-inch Whitehead.
Ericsson	120	149 7	15 6	4 9	24.00	T.S.	36	984	3 18-inch Whitehead.
Farragut	279	213 6	20 8	6 0	30.13	T.S.	95	.....	2 18-inch Whitehead.
Foote	142	160 0	16 1	5 0	24.53	T.S.	44	1,235	3 18-inch Whitehead.
Fox	154	146 0	15 4	5 10	23.13	T.S.	40	.....	3 18-inch Whitehead.
Goldsborough	255	198 0	20 7	6 10	27.40	T.S.	89	.....	2 18-inch Whitehead.
Gwin	46	99 6	12 6	3 3	20.88	S.	9	.....	2 18-inch Whitehead.
Mackenzie	65	99 3	12 9	4 3	20.11	S.	15	.....	2 18-inch Whitehead.
Manley	30	60 8	9 5	2 11	17.00	S.	.....	.....	.....
McKee	65	99 3	12 9	4 3	19.82	S.	.....	.....	2 18-inch Whitehead.
Morris	105	138 3	15 6	4 1	24.00	T.S.	28	.....	3 18-inch Whitehead.
Porter	165	175 0	17 8	4 8	28.63	T.S.	76	.....	3 18-inch Whitehead.
Rodgers	142	160 0	16 1	5 0	24.49	T.S.	44	1,200	3 18-inch Whitehead.
Rowan	210	170 0	17 0	5 11	27.07	T.S.	63	.....	3 18-inch Whitehead.
Shubrick	200	175 0	17 6	5 2	26.07	T.S.	82	1,755	3 18-inch Whitehead.
Somers	150	149 4	17 6	5 10	17.50	T.S.	37	.....	2 18-inch Whitehead.
Stockton	200	175 0	17 6	5 2	25.79	T.S.	79	1,755	3 18-inch Whitehead.
Stringham	340	225 0	22 0	6 6	25.33	T.S.	95	....	2 18-inch Whitehead.
T. A. M. Craven	146	147 0	16 4	4 7	30.00	T.S.	32	.....	2 18-inch Whitehead.
Talbot	46	99 6	12 6	3 3	21.15	S.	8	.....	2 18-inch Whitehead.
Thornton	200	175 0	17 6	5 2	24.88	T.S.	85	1,755	3 18-inch Whitehead.
Tingey	165	175 0	17 6	4 8	24.94	T.S.	73	.....	3 18-inch Whitehead.
Wilkes	165	175 0	17 7	4 8	25.99	T.S.	66	2,400	3 18-inch Whitehead.
GUNBOATS.								10knots	Battery, guns.
Alert	1,110	177 4	32 0	13 0	10.00	S.	197	3,742	6 4-inch.
Alvarado	100	110 0	15 6	5 4	12.20	S.	16	.....	4 under 4-inch.
Annapolis	1,010	168 0	36 0	12 0	13.17	S.	230	5,245	6 under 4-inch.
Arayat	243	115 3	17 10	6 6	10.00	T.S.	33	.....	8 under 4-inch.
Callao	243	115 3	17 10	6 6	10.00	T.S.	33	.....	7 under 4-inch.
Castine	1,177	204 0	32 1	12 0	16.03	T.S.	210	3,480	8 4-inch.
Don Juan de Austria	1,130	210 0	32 0	12 6	12.20	S.	204	2,250	8 under 4-inch.
Dubuque	1,085	174 0	35 0	12 3	12.90	T.S.	246	.....	6 4-inch.

*Also 60,816 gallons of oil fuel.

LIST OF SHIPS OF THE UNITED STATES NAVY.—CONTINUED.

GUNBOATS.	Displacement.	Length.	Beam.	Maximum draft.	Speed (trial).	Propulsion.	Maximum coal supply.	Steaming radius at 10 knots.	Battery, guns.
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots		Tons		
Elcano	620	157 11	26 0	10 0	11.00	T.S.	94	.....	7 under 4-inch.
Helena	1,392	250 9	39 8	9 0	15.50	T.S.	300	2,370	8 4-inch.
Isla de Cuba	1,030	192 10	30 1	11 6	13.08	T.S.	159	2,000	8 under 4-inch.
Isla de Luzon	1,030	192 10	31 0	11 6	11.23	T.S.	159	2,000	4 4-in., 8 under 4-in.
Machias	1,177	204 0	32 1	12 0	15.46	T.S.	261	3,480	8 4-in., 8 under 4-in.
Marietta	900	174 0	34 0	12 0	13.02	T.S.	229	3,529	6 4-inch.
Mindoro	170	99 9	16 1	6 0	7.00	T.S.	30	.....	5 under 4-inch.
Nashville	1,371	220 0	38 1	11 0	16.30	T.S.	363	3,315	8 4-inch.
Newport	1,010	168 0	36 0	12 2	12.29	S.	224	4,904	6 4-inch.
Paducah	1,085	174 0	35 0	12 3	12.85	T.S.	246	.....	6 4-inch.
Pampanga	243	115 3	17 10	6 6	10.00	T.S.	33	.....	8 under 4-inch.
Panay	170	94 10	17 3	7 1	8.00	T.S.	20	.....	5 under 4-inch.
Paraguay	243	115 3	17 10	6 6	10.00	T.S.	33	.....	8 under 4-inch.
Peoria	487	131 0	25 0	10 6	9.00	S.	68	.....	7 under 4-inch.
Petrel	890	181 4	31 0	11 6	11.40	S.	193	3,264	4 6-inch.
Princeton	1,010	168 0	36 0	12 0	10.64	S.	226	4,904	6 4-inch.
Quiros	350	137 9	22 9	7 9	11.00	S.	78	.....	8 under 4-inch.
Ranger	1,261	177 4	32 0	13 0	10.00	S.	178	.....	6 under 4-inch.
Samar	243	115 3	17 10	6 6	10.00	T.S.	33	1,000	8 under 4-inch.
Sandoval	100	110 0	15 6	5 4	19.00	S.	16	.....	4 under 4-inch.
Vicksburg	1,010	168 0	36 0	12 1	12.71	S.	243	4,904	6 4-inch.
Villalobos	370	148 0	23 0	7 6	11.00	S.	65	.....	8 under 4-inch.
Wheeling	990	174 0	34 0	12 0	12.88	T.S.	230	3,874	6 4-inch.
Wilmington	1,392	250 9	39 8	9 0	15.08	T.S.	300	2,370	8 4-inch.
Wolverine	685	164 11	27 0	9 0	10.50	S.	115	2,240	.....
Yorktown	1,710	230 0	36 0	14 0	17.20	S.	341	3,443	6 6-inch.
WOODEN CRUISERS.									
Adams	1,400	187 3	35 0	14 10	9.80	S.	141	2,200	6 4-inch.
Essex	1,375	185 0	35 0	14 3	10.40	S.	155	.....	6 4-inch.
Hartford	2,790	226 0	44 0	18 2	12.00	S.	262	.....	9 5-inch.
Mohican	1,900	216 0	37 0	16 6	10.65	S.	168	.....	6 4-inch.
ARMED TRANSPORTS.									
Buffalo	6,000	391 6	48 3	19 5	14.50	S.	1,375	7,800	2 5-in., 4 4-inch.
Dixie	6,114	391 6	48 3	19 11	14.50	S.	1,075	7,000	10 3-inch.
Panther	3,380	312 1	40 8	15 9	13.50	S.	675	4,800	2 6-pdr.
Prairie	6,620	391 6	48 3	20 9	14.50	S.	1,300	8,200	10 3-inch.
Yankee	6,225	391 10	48 4	20 1	14.50	S.	1,175	5,200	10 3-inch.
TRANSPORT.									
General Alava	1,115	212 6	29 9	11 0	10.50	S.	240	2,200	.....
SUPPLY SHIPS.									
Arethusa	6,159	332 0	42 2	20 11	.....	.....	.....	6,400	16-pounder.
Celtic	8,000	371 4	44 7	24 9	10.50	S.	739	6,503	2 6-pounder.
Culgoa	6,000	334 4	43 0	21 9	13.50	S.	957	8,880	4 1-pounder.
Glacier	8,325	353 0	46 1	25 4	12.50	S.	917	5,760	.....
Iris	6,100	310 6	39 0	24 0	10.00	S.	800	3,100	.....
Rainbow	4,360	326 0	41 0	17 2	12.00	S.	1,139	4,872	6 6-pounder, 6 1-pdr.
Supply	4,360	342 7	43 0	19 5	9.66	S.	1,029	8,160	6 6-pounder, 4 1-pdr.
HOSPITAL SHIPS.									
Relief	3,300	299 2	46 0	15 20	.....	S.	607	.....	.....
Solace	5,700	361 2	44 0	22 0	15.00	S.	1,000	7,000	3 6-pounder
CONVERTED YACHTS.									
Alleen	192	120 0	20 0	8 0	14.00	S.	45	.....	.....
Dorothea	594	182 4	23 5	11 5	15.00	S.	78	.....	8 under 4-inch.
Eagle	434	155 6	24 0	11 6	15.50	S.	65	.....	4 under 4-inch.
Elfrida	164	101 6	18 0	7 9	10.50	S.	23	.....	.....
Gloucester	786	204 0	27 2	12 0	17.00	S.	120	.....	10 under 4-inch.
Hawk	375	145 0	22 0	11 6	14.50	S.	70	.....	.....
Hist	472	174 0	23 0	9 10	14.50	S.	60	.....	9 under 4-inch.
Huntress	82	97 0	16 0	7 3	14.00	S.	17	.....	.....
Mayflower	2,690	273 0	36 0	17 4	16.80	T.S.	525	.....	14 under 4-inch.
Oneida	150	110 11	18 6	7 6	12.00	S.	20	.....	3 under 4-inch.
Restless	158	113 0	16 0	6 6	12.00	S.	12	.....	3 under 4-inch.
Scorpion	775	212 9	28 1	11 0	17.85	T.S.	133	.....	10 under 4-inch.
Stranger	546	173 0	23 9	10 6	14.00	S.	50	.....	.....
Sylph	152	123 8	20 0	7 6	15.00	S.	47	.....	1 under 4-inch.
Sylvia	302	130 0	18 6	10 0	9.00	S.	60	.....	.....
Vixen	505	182 3	28 0	12 8	16.00	S.	190	.....	8 under 4-inch.
Wasp	630	180 0	23 0	12 0	16.50	S.	79	.....	6 under 4-inch.
Yankton	975	185 0	37 6	13 10	14.00	S.	170	.....	4 under 4-inch.
SPECIAL CLASS.									
Dolphin	1,486	240 0	32 0	14 3	15.50	S.	265	3,180	2 4-inch.
Manila	1,750	209 3	31 2	13 0	10.00	S.	186	2,636	2 4.7-inch.
Vesuvius	930	252 4	26 6	10 7	21.42	T.S.	132	1,500	For torpedo training

LIST OF SHIPS OF THE UNITED STATES NAVY.—CONTINUED.

COLLIERS.	Displacement.	Length over all.	Beam.	Extreme draft.	Speed, loaded.	Speed, light.	Bunker capacity	Cargo capacity	Battery, guns.
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots	Knots	Tons	Tons	
Abarenda	6,705	325 6	42 0	23 6	9.00	9.50	813	3,400	4 3-pounder. 4 colts.
Ajax	9,250	387 6	46 6	25 3	10.00	11.00	500	5,000	1 6-pounder.
Alexander	6,181	343 3	43 0	23 0	8.75	10.00	500	4,200	1 6-pounder.
Brutus	6,600	332 6	41 6	23 6	10.00	.....	547	4,000	1 6-pounder.
Cæsar	5,920	322 1	44 0	21 6	10.00	11.00	761	3,156	1 6-pounder.
Hannibal	4,000	275 0	39 3	19 9	9.00	10.00	480	2,300	1 6-pounder.
Hector	11,230	403 0	53 0	24 6	12.00	.....	818	7,200	.....
Justin	3,300	287 6	39 0	21 6	8.30	10.90	167	2,900	1 6-pounder.
Lebanon	8,235	388 0	57 6	19 0	10.00	12.50	188	1,800	.....
Leonidas	4,242	273 11	39 3	19 7	8.50	9.50	200	2,200	1 6-pounder.
Mars	11,200	403 0	53 0	24 6	12.00	.....	877	8,017	.....
Nanshan	4,950	300 0	39 0	21 3	10.50	11.00	400	2,900	1 6-pounder.
Nero	6,360	320 0	41 0	22 11	9 00	.....	500	3,500	1 6-pounder.
Pompey	3,085	245 0	33 6	16 10	10.50	13.00	200	1,400	.....
Prometheus	12,585	465 9	60 1	26 0	16.00	.....	1,576	6,410	4 3-inch.
Saturn	6,220	297 1	40 0	22 8	11.00	.....	335	2,400	1 6-pounder.
Sterling	5,663	284 0	37 0	22 8	11.00	11.00	469	2,672	1 6-pounder.
Vestal	12,585	465 9	60 1	26 0	16.00	.....	1,576	6,410	4 3-inch.
Vulcan	11,200	403 0	53 0	24 6	12.00	.....	877	8,017	.....

SAILING SHIPS.

NAME.	Displacement.	Length.	Beam.	Draft.	Speed.	Propulsion.	Description.	Battery, guns
	Tons	Ft. In.	Ft. In.	Ft. In.	Knots			
Boxer	346	108 0	29 9	9 2	.....	Sl.	Brig	.....
Constellation	1,970	176 0	42 0	20 0	.....	Sl.	Ship	14 under 4-inch.
Cumberland	1,800	176 5	45 8	16 5	.....	Sl.	Bark	6 4-in., 8 under 4-in.
Intrepid	1,800	176 5	45 8	16 5	.....	Sl.	Bark	6 4-in., 8 under 4-in
Severn	1,175	175 0	37 0	16 6	.....	Sl.	Ship	6 4-in., 8 under 4-in.

UNDER CONSTRUCTION AND AUTHORIZED.

Florida	20,000	518 9	85 3	27 0	21.00	T.S.	1st-class battleship	10 12-inch, 14 5-inch.
Utah	20,000	518 9	85 3	27 0	21.00	T.S.	1st-class battleship	10 12-inch, 14 5 inch.
Arkansas	26,000	554 0	93 3	28 6	20.50	Turb	1st-class battleship	12 12-inch.
Wyoming	26,000	554 0	93 3	28 6	20.50	Turb	1st-class battleship	12 12-inch.
Nos. 34 and 35	.....	.....	.....	.....	.....	.....	1st-class battleship	.....

In addition to the above there are 5 fleet colliers, 1 gunboat, 18 torpedo-boat destroyers and 15 submarine torpedo boats under construction.

TUGS.

There are attached to the different navy yards and stations 44 tugs, ranging from 100 to 854 tons displacement and from 70 to 2,000 horse power.

STATION AND RECEIVING SHIPS.

The Franklin, Hancock, Independence, Lancaster, Pensacola, Philadelphia, Reina Mercedes, Richmond, Southey and Wabash are attached to the different navy yards and stations.

UNSERVICEABLE.

The Alliance, Constitution, Gopher, Granite State, Jamestown, Nipsic, Omaha, Portsmouth and Yantic are no longer fit for sea service. Some are loaned to the naval militia of different states as practice ships.

NAVY AND MARINE CORPS PAY TABLE.

Navy (line).	Pay per annum.*
Admiral of the navy	$13,500
Rear-admirals—First nine	8,000
Second nine	6,000
Chiefs of bureaus	6.000
Captains	4,000
Judge-advocate general	4,000
Commanders	3,500
Lieutenant-commanders	3,000
Lieutenants	2,400
Lieutenants (junior grade)	2,000
Ensigns	1,700
Chief boatswains, gunners, carpenters, sailmakers	1,700
Midshipmen at sea	1,400
Midshipmen at academy	600
Marine corps.	
Major-general	8,000
Colonels	4,000
Lieutenant-colonels	3,500
Majors	3,000
Captains (line)	2,400

Marine corps.	Pay per annum.*
Captains (staff)	2,600
First lieutenants	2,000
Second lieutenants	1,700

*On sea duty, or on shore duty beyond sea, 10 per cent increase.

Chaplains of or above the rank of lieutenant-commander get the pay and allowance of a lieutenant-commander, those who have rank of lieutenant, appointed prior to July 1, 1906, $2,800; others according to rank in above table; naval constructors, $3,200 to $4,200; assistant naval constructors, $2,000, or pay of rank according to above table; warrant officers, $1,125 to $2,250.

Petty officers and chief petty officers get a salary ranging from $33 to $77 per month.

First-class seamen get $26 a month; seamen gunners, $28; firemen, first-class, $35; ordinary seamen, $21; firemen, second-class, $33; shipwrights, $27; apprentice seamen, $18; coal passers, $24.

The term of enlistment in the United States navy is four years.

WINNERS OF THE NOBEL PRIZES.

PHYSICS.

1901—William Conrad Roentgen, professor of physics at the University of Munich.
1902—Divided equally between Henrik Anton Lorentz, professor of physics at the University of Leyden, and Peter Zeeman, professor of physics at the University of Amsterdam.
1903—Half to Antoine Henri Becquerel, professor of physics at the Ecole Polytechnique and at the Museum d'Histoire Naturelle, Paris, France, member Institut Francaise, and half to Pierre Curie, professor of physics at the University of Paris (Sorbonne) and teacher in physics at the Paris Municipal School of Industrial Physics and Chemistry, and his wife, Marie Sklodovska Curie, preceptress at the Higher Normal School for Young Girls at Sevres.
1904—Lord Rayleigh, professor of natural philosophy, Royal Institution of Great Britain, London.
1905—Philippe Lenard, professor of physics at the Physical Institute of Kiel.
1906—J. J. Thomson, professor of experimental physics at the University of Cambridge.
1907—Albert A. Michelsen, professor of physics at the University of Chicago.
1908—Prof. Gabriel Lippman of the University of Paris.
1909—G. Marconi, Italy, and Prof. Ferdinand Braun of Strassburg.
1910—Johannes Diderik van der Waals, professor of experimental physics in the University of Amsterdam, Holland.

MEDICINE.

1901—Emil Adolf von Behring, professor of hygiene and medical history at the University of Marburg, Prussia.
1902—Donald Ross, professor of tropical medicine at the University college of Liverpool.
1903—Niels Ryberg Finsen, professor of medicine, Copenhagen, Denmark.
1904—Ivan Petrovic Pawlow, professor of physiology in the Military Academy of Medicine, St. Petersburg.
1905—Robert Koch, member of the Royal Academy of Science, Berlin.
1906—Profs. Ramon y Cajal and Camillo Golgi of the Pavia university, Italy.
1907—Charles L. A. Laveran of the Pasteur institute in Paris.
1908—Dr. Paul Ehrlich of Berlin and Prof. Elie Metchnikoff of the Pasteur institute, Paris.
1909—Prof. E. T. Kocher, Switzerland.
1910—Dr. Albrecht Kossel, professor of physiology, Heidelberg university, Germany.

CHEMISTRY.

1901—Jakob Hendrik van't Hoff, professor of chemistry in the University of Berlin.
1902—Emil Fischer, professor of chemistry in the University of Berlin.
1903—Svante August Arrhenius, professor at the University of Stockholm.
1904—Sir William Ramsay, professor of chemistry in the University college, London.
1905—Adolf von Baeyer, professor of chemistry at Munich.
1906—H. Moissan, professor of chemistry at the Sorbonne, Paris.
1907—Eduard Buchner, professor of chemistry in the agricultural high school of Berlin.
1908—Prof. Ernest Rutherford of the University of Manchester, England.
1909—Prof. W. Ostwald of Leipsic.
1910—Otto Wallach, professor of chemistry in the University of Gottingen.

LITERATURE.

1901—Rene Francois Armand Sully-Prudhomme, member of the French academy.
1902—Theodor Mommsen, a professor of history at the University of Berlin.
1903—Bjornstjerne Bjornson, author, Norway.
1904—Half to Frederic Mistral of France and half to Jose Echegaray of Spain.
1905—Henryk Sienkiewicz, the author of "Quo Vadis?"
1906—Prof. Giosue Carducci of Bologna, Italy.
1907—Rudyard Kipling of England.
1908—Prof. Rudolf Eucken of the University of Java.
1909—Selma Lagerlof, Sweden.
1910—Paul Johann Ludwig Heyse, Germany.

PEACE.

1901—Divided equally between Henri Dunant, founder of the International Red Cross Society of Geneva, and Frederic Passay, founder of the first French peace association, the "Societe Francaise pour l'Arbitrage Entre Nations."
1902—Divided equally between Elie Ducommun, secretary of the international peace bureau at Bern, and Albert Gobat, chief of the interparliamentary peace bureau at Bern.
1903—William Randal Cremer, M. P., secretary of the International Arbitration league, London.
1904—The Institute of International Right, a scientific association founded in 1873 in Ghent, Belgium.
1905—Baroness Bertha von Suttner for her literary work written in the interest of the world's peace movement.
1906—Theodore Roosevelt, president of the United States, for the part he took in bringing the Russo-Japanese war to an end. Money set apart by the president for the establishment of a permanent industrial peace commission.
1907—Divided equally between Ernesto T. Moneta, president of the Lombardy Peace union, and Louis Renault, professor of international law at the University of Paris.
1908—K. P. Arnoldsen of Sweden and M. F. Bajer of Denmark.
1909—Baron d'Estournelles de Constant, Paris, and M. Beernaert, Holland.
1910—International Permanent Peace Bureau, Berne.

The prizes are awarded on the 10th of December of each year. They amount to nearly $38,000 each.

An official account of the origin of the Nobel prize fund will be found on page 108 of The Chicago Daily News Almanac and Year-Book for 1904.

CHURCH AND STATE IN SPAIN.

May 31, 1910, the government of Spain issued an imperial decree that all religious orders not authorized by the concordat between Spain and the Vatican must be enrolled under the associations law of 1887 or be dissolved. This decree was followed June 11 by another amending the constitution and authorizing the edifices of noncatholic religious societies to display the insignia of public worship. These decrees were issued at the instance of Premier Canalejas, who, as a condition precedent to taking office (Feb. 9), exacted a promise from King Alfonso to agree to a plan of ecclesiatical reform. He approached the Vatican at once on the subject of concordat revision and the ecclesiatical authorities in Rome consented to consider the questions of state support, the holding of property and the rights of the monastic orders.

When the second decree was issued, permitting noncatholic sects to place religious emblems on their houses of worship and to conduct their services publicly on an equal plane of freedom with the catholics, the Vatican insisted that this decree must be withdrawn before the discussion of the concordat could be resumed. This position was resented by the Spanish government as an ultimatum and July 29 it was announced in Madrid that Marquis Emilio de Ojeda, Spanish ambassador to the Vatican, had been recalled. This act was described by Premier Canalejas as "an indefinite suspenison of negotiations."

The rupture between the Vatican and the government led to demonstrations of disapproval by some of the clericals and their adherents, who proposed to hold an immense meeting of protest at San Sebastian on Sunday, Aug. 7. This was forbidden by the government, which took strong military precautions to prevent any insurrectionary movements and the meeting was abandoned.

NATIONAL POLITICAL COMMITTEES (1908-1912).

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Delaware—T. Coleman du Pont.....Wilmington
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Louisiana—Pearl Wight.....New Orleans
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Massachusetts—W. Murray Crane.....Dalton
Michigan—John W. Blodgett.....Grand Rapids
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Mississippi—L. B. Moseley.....Jackson
Missouri—Charles Nagel.....St. Louis
Montana—Thomas C. Marshall.....Missoula
Nebraska—Victor Rosewater.....Omaha
Nevada—Patrick J. Flanigan.....Reno
New Hampshire—F. W. Estabrook.....Nashua
New Jersey—Franklin Murphy.....Newark
New York—William L. Ward.....Port Chester
North Carolina—E. C. Duncan.....Raleigh
North Dakota—James Kennedy.....Fargo
Ohio—A. I. Vorys.....Lancaster
Oklahoma—C. M. Cade.....Shawnee
Oregon—R. E. Williams.....Dallas
Pennsylvania—Boies Penrose.....Philadelphia
Rhode Island—C. R. Brayton.....Providence
South Carolina—John G. Capers.....Greenville
South Dakota—Thomas Thorson.....Canton
Tennessee—Nathan W. Hale.....Knoxville
Texas—Cecil A. Lyon.....Sherman
Utah—C. E. Loose.....Provo
Vermont—James W. Brock.....Montpelier
Virginia—Alvah H. Martin.....Portsmouth
Washington—R. L. McCormick.....Tacoma
West Virginia—N. B. Scott.....Wheeling
Wisconsin—Alfred T. Rogers.....Madison
Wyoming—George E. Pexton.....Evanston
Alaska—L. P. Shackelford.....Juneau
Arizona—W. S. Sturgis.....Arivaca
District of Columbia—Sidney Bieber.....Washington
Hawaii—A. G. M. Robertson.....Honolulu
New Mexico—Solomon Luna.....Los Lunas
Philippine Islands—Henry B. McCoy.....Manila
Porto Rico—R. H. Todd.....San Juan

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Delaware—Horace Wilson.....Wilmington
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Georgia—Clark Grier.....Macon
Idaho—Charles L. Heitman.....Boise
Illinois—Roy O. West.....Chicago
Indiana—Edward M. Lee.....Indianapolis
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Maine—Byron Boyd.....Augusta
Maryland—John B. Hanna.....Baltimore
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Michigan—Gerrit J. Diekema.....Detroit
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Mississippi—F. W. Collins.....Summit
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Montana—Dr. O. M. Landstruno.....Helena
Nebraska—William Hayward.....Lincoln
Nevada—Harry J. Humphreys.....Reno
New Hampshire—Oscar L. Young.....Laconia
New Jersey—Franklin Murphy.....Newark
New York—Ezra P. Prentice.....New York
North Carolina—Spencer B. Adams.....Greensboro
North Dakota—E. C. Cooper.....Bismarck
Ohio—Walter Brown.....Toledo
Oklahoma—J. A. Harris.....Guthrie
Oregon—M. C. George.....Portland
Pennsylvania—Henry F. Walton.....Philadelphia
Rhode Island—George R. Lawton.....Tiverton
South Carolina—E. H. Deas.....Darlington
South Dakota—W. C. Cook.....Sioux Falls
Tennessee—Newell Sanders.....Chattanooga
Texas—Burt Marshall.....Sherman
Utah—Wesley K. Walton.....Salt Lake City
Vermont—F. C. Williams.....Newport
Virginia—C. B. Slemp.....Big Stone Gap
Washington—James D. Hodge.....Seattle
West Virginia—S. D. Matthews.....Clarksburg
Wisconsin—E. A. Edmonds.....Appleton
Wyoming—Charles W. Burdick.....Cheyenne
Alaska—John T. Spickett.....Juneau
Arizona—Hoval A. Smith.....Bisbee
New Mexico—H. O. Bursum.....Santa Fe

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Illinois—Roger C. Sullivan.....Chicago
Indiana—Thomas Taggart.....French Lick
Iowa—Martin J. Wade.....Iowa City
Kansas—John H. Atwood.....Leavenworth
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Louisiana—Robert Ewing.....New Orleans
Maine—E. L. Jones.....Waterville
Maryland—J. F. C. Talbott.....Lutherville
Massachusetts—John W. Coughlin.....Fall River
Michigan—Edwin O. Wood.....Flint
Minnesota—F. B. Lynch.....St. Paul
Mississippi—C. H. Williams.....Yazoo City
Missouri—M. C. Wetmore.....St. Louis
Montana—J. Bruce Kramer.....Butte
Nebraska—P. L. Hall.....Lincoln
Nevada—John Sunderland.....Reno
New Hampshire—Eugene E. Reed.....Manchester
New Jersey—Robert S. Hudspeth.....Jersey City
New York—Norman E. Mack.....Buffalo
North Carolina—Josephus Daniels.....Raleigh
North Dakota—William Collins.....Battineau
Ohio—Harvey C. Garber.....Columbus
Oklahoma—W. T. Brady.....Tulsa
Oregon—M. A. Miller.....Lebanon
Pennsylvania—J. M. Guffey.....Pittsburg
Rhode Island—G. W. Greene.....Woonsocket
South Carolina—B. R. Tillman.....Trenton

South Dakota—E. S. Johnson.....Armour
Tennessee—R. E. L. Mountcastle.....Knoxville
Texas—R. M. Johnston.....Houston
Utah—Frank K. Nebeker.....Logan City
Vermont—Thomas H. Brown.....Rutland
Virginia—J. Taylor Ellyson.....Richmond
Washington—W. H. Dunphy.....Walla Walla
West Virginia—John T. McGraw.....Grafton
Wisconsin—Timothy E. Ryan.....Waukesha
Wyoming—John E. Osborne.....Rawlins
Alaska—A. J. Daly.....Nome
Arizona—A. J. Michelson.....Phœnix
Dist. of Columbia—Edwin A. Newman..Washington
Hawaii—Gilbert J. Waller.....Honolulu
New Mexico—A. A. Jones.....Las Vegas
Porto Rico—D. M. Field.....Guayama

CHAIRMEN STATE COMMITTEES (1910).

Alabama—H. S. D. Mallory.....Selma
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California—Robert H. DeWitt.....San Francisco
Colorado—Charles B. Ward.....Denver
Connecticut—Charles W. Comstock.....Norwich
Delaware—Thomas F. Bayard.....Wilmington
Florida—William H. Price.....Marianna
Georgia—Howlett A. Hall.....Newman
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Missouri—Harry M. Rubey.....St. Louis
Montana—S. V. Stewart.....Helena
Nebraska—John C. Byrnes.....Columbus
Nevada—Peter T. Somers.....Reno
New Hampshire—John B. Jameson.....Concord
New Jersey—James R. Nugent.....Newark
New York—John A. Dix.....Argyle
North Carolina—A. H. Eller.....Raleigh
North Dakota—D. H. McArthur.....Fargo
Ohio—Hugh L. Nichols.....Cincinnati
Oklahoma—Fred P. Branson.....Muskogee
Oregon—Alex Sweek.....Portland
Pennsylvania—A. G. Dewalt.....Allentown
Rhode Island—F. E. Fitzsimmons.....Lonsdale
South Carolina—Willie Jones.....Columbia
South Dakota—R. F. Lyons.....Vermilion
Tennessee—Austin Peay.....Nashville
Texas—A. B. Storey.....Dallas
Utah—Samuel A. King.....Salt Lake City
Vermont—Emory S. Harris.....Bennington
Virginia—J. T. Ellyson.....Richmond
Washington—George P. Wright.....Tacoma
West Virginia—George I. Neal.....Huntington
Wisconsin—Joseph E. Davies.....Madison
Wyoming—D. N. Stickney.....Laramie
Alaska—W. W. Casey.....Juneau
Arizona—J. P. Dillon.....Prescott

PROHIBITION.

Headquarters—92 LaSalle street, Chicago, Ill.
Executive Committee—Chairman, Charles R. Jones, Evanston, Ill.; vice-chairman, A. G. Wolfenbarger, Lincoln, Neb.; secretary, W. G. Calderwood, Minneapolis, Minn.; treasurer, Felix T. McWhirter, Indianapolis, Ind.; A. A. Stevens, Tyrone, Pa.; Samuel Dickie, Albion, Mich.; F. C. Hendrickson, Cumberland, Md.; O. W. Stewart, Chicago, Ill.; J. B. Cranfill, Dallas, Tex.

Arkansas—H. Brady.....Beebe
Henry Hatton.....Beebe
California—T. K. Beard.....Modesto
W. J. Phillips.....Los Angeles
Colorado—A. B. Taynton.....Denver
John W. Carpenter.....Greeley
Connecticut—F. G. Platt.....New Britain
William N. Taft.....West Goshen
Delaware—George W. Todd.....Wilmington
Lewis W. Brosius.....Wilmington
Florida—John P. Coffin.....Eustis
Francis Trueblood.....Bradentown
Georgia—George Gordon.....Atlanta
W. S. Witham.....Atlanta
Illinois—Oliver W. Stewart.....Chicago
A. E. Wilson.....Chicago
Indiana—Felix T. McWhirter.....Indianapolis
Charles Eckhart.....Auburn
Iowa—O. D. Ellett.....Marshalltown
K. W. Brown.....Ames
Kansas—Earle R. DeLay.....Emporia
J. N. Wood.....Ottawa
Kentucky—Mrs. Frances E. Beauchamp..Lexington
T. B. Demaree.....Wilmore
Louisiana—E. E. Israel.....Baton Rouge
Walter Miller.....New Orleans
Maine—Nathan F. Woodbury.....Auburn
Lyman B. Merritt.....Houlton
Maryland—F. C. Hendrickson.....Cumberland
George R. Gorsuch.....Baltimore
Massachusetts—John M. Fisher.....Attleboro
J. B. Lewis.....Boston
Michigan—Samuel Dickie.....Albion
Fred W. Corbett.....Lansing
Minnesota—W. G. Calderwood.....Minneapolis
George W. Higgins*.....Minneapolis
Missouri—H. P. Faris.....Clinton
Charles E. Stokes.....Kansas City
Montana—Mrs. Kate M. Hamilton.....Butte
Nebraska—A. G. Wolfenbarger.....Lincoln
D. B. Gilbert.....Fremont
New Hampshire—A. H. Morrill.....Laconia
John S. Blanchard.....Concord
New Jersey—George J. Haven.....Camden
Joel G. Van Cise.....Summit
New York—Clarence E. Pitts.....Oswego
George E. Stockwell.....Fort Plain
North Carolina—J. M. Templeton.....Cary
Thomas P. Johnston.....Salisbury
North Dakota—Theodore E. Ostlund.....Hillsboro
M. H. Kiff.....Tower City
Ohio—F. M. Mecartney.....Columbus
J. B. Martin.....Cincinnati
Oklahoma—Charles Brown.....Carmen
Rev. J. M. Monroe.....Oklahoma City
Oregon—F. McKercher.....Portland
W. P. Elmore.....Brownsville
Pennsylvania—A. A. Stevens.....Tyrone
David B. McCalmont.....Franklin
Rhode Island—C. H. Tilley.....Providence
B. E. Helme.....Kingston
South Dakota—W. T. Raffety.....Miller
Quincy Lee Morrow.....Brookings
Tennessee—A. D. Reynolds.....Bristol
J. B. Stinespring.....Sanford
Texas—J. B. Cranfill.....Dallas
Walter C. Swengel.....Dallas
Utah—Robert J. Shields.....Salt Lake City
Miss Edith Wade.....Salt Lake City
Vermont—H. S. Eldred.....Sheldon
Dr. Hausen.....Montpelier
Virginia—G. M. Smithdeal.....Richmond
James W. Bodley.....Staunton
Washington—Guy Posson.....Seattle
R. E. Dunlap.....Seattle
West Virginia—Edward W. Mills.....Fairmont
U. A. Clayton.....Fairmont
Wisconsin—W. D. Cox.....Milwaukee
B. E. Van Keuren.....Oshkosh
Wyoming—L. L. Laughlin.....Laramie
C. J. Sawyer.....Laramie
Arizona—Frank J. Sibley.....Tucson
Dr. John W. Thomas.....Phœnix

CHAIRMEN STATE COMMITTEES (1910).

Alabama—J. B. Albritton.....Bellwood
Arkansas—G. H. Kimball.....Little Rock
Arizona—J. Wix Thomas.....Phœnix
California—J. H. Woertendyke.....Los Angeles
Colorado—Harry L. Murray.....Longmont
Connecticut—E. L. G. Hohenthal..South Manchester
Delaware—R. M. Cooper.....Cheswold
Florida—John P. Coffin.....Eustis
Georgia—W. S. Witham.....Atlanta
Idaho—Aaron M. Bray.....Boise
Illinois—Alonzo E. Wilson.....Chicago
Indiana—F. W. Lough.....Indianapolis
Iowa—C. Durant Jones.....Perry
Kansas—Edwin C. Hadley.....Kansas City
Kentucky—A. S. Watkins.....Wilmore
Louisiana—E. E. Israel.....Baton Rouge
Maine—James Perrigo.....Portland

Maryland—Charles R. Woods.....Baltimore
Massachusetts—Willard O. Wylie.....Boston
Michigan—Alfred Lowther.....Detroit
Minnesota—George W. Higgins*.....Minneapolis
Missouri—Charles E. Stokes.....Kansas City
Montana—R. R. Crowe.....Billings
Nebraska—D. B. Gilbert.....Lincoln
New Hampshire—Alva H. Morrill.....Laconia
New Jersey—George J. Haven.....Camden
New York—Clarence E. Pitts.....Oswego
North Dakota—Theodore E. Ostlund.....Hillsboro
Ohio—J. T. N. Braithwaite.....Lakeside
Oklahoma—George E. Rouch.....Durant
Oregon—J. P. Newell.....Portland
Pennsylvania—B. L. Rockwood.....Franklin
Rhode Island—Elisha T. Read.....Woonsocket
South Dakota—C. V. Templeton.....Woonsocket
Texas—P. F. Paige.....Dallas
Virginia—G. M. Smithdeal.....Richmond
Washington—Rev. O. F. Fowler.....Tacoma
West Virginia—U. A. Clayton.....Fairmount
Wisconsin—J. Burritt Smith.....Madison
Wyoming—L. L. Laughlin.....Laramie
*Deceased.

SOCIALIST.

Socialist Headquarters—180 Washington street, Chicago, Ill.
National Secretary—J. Mahlon Barnes.
Secretary to International Socialist Bureau—Morris Hilquit, 320 Broadway, New York, N. Y.
National Executive Committee—Victor L. Berger, Milwaukee, Wis.; Lena Morrow Lewes, San Francisco, Cal.; George H. Goebel, Newark, N. J.; James F. Carey, Boston, Mass.; Morris Hilquit, New York, N. Y.; Robert Hunter, Norton Heights, Conn.; John Spargo, Yonkers, N. Y.

NATIONAL COMMITTEE.

Alabama—J. N. Abbott.....Sheffield
Arizona—James H. Morrison.....Benson
Arkansas—Dan Hogan.....Huntington
California—N. A. Richardson.....San Bernardino
J. Stitt Wilson.....Berkeley
Colorado—Lewis E. Floaten.....Denver
Connecticut—Jasper McLevey.....Bridgeport
Florida—C. C. Allen.....St. Petersburg
Idaho—E. L. Rigg.....Rupert
Illinois—May Wood Simons.....Evanston
James H. Brower.....Joliet
Adolph Germer.....Belleville
Indiana—Fred G. Strickland.....Anderson
Iowa—I. S. McCrillis.....Des Moines
Kansas—George D. Brewer.....Girard
E. L. Beery.....Coffeyville
Kentucky—Charles Dobbs.....Louisville
Louisiana—Alex Hymes.....Lake Charles
Maine—C. P. Wight.....Old Orchard
Maryland—Joshua Rosett.....Baltimore
Massachusetts—Franklin H. Wentworth.....Salem
Squire Putney.....Beverly
Michigan—A. M. Stirton.....New Castle, Pa.
William Bohn.....East Orange, N. J.
Minnesota—David Morgan.....St. Paul
Mrs. Esther Laukki.....Smithville
Missouri—E. T. Behrens.....Sedalia
W. W. McAllister.....Springfield
Montana—Lewis J. Duncan.....Butte
Nebraska—C. R. Oyler.....Lincoln
Nevada—W. H. Burton.....Buckskin
New Hampshire—W. H. Wilkins.....Claremont
New Jersey—Frederick Krafft.....Ridgefield
William Walker.....Elizabeth
New Mexico—C. R. Cameron.....Deming
New York—John Spargo.....Yonkers
Gustave A. Strebel.....Syracuse
Edward F. Cassidy.....New York city
North Dakota—I. S. Lapman.....Fargo
Ohio—Thomas Clifford.....Cleveland
Walter Millard.....Columbus
Oklahoma—Carrie C. Block.....Lookeba
Oscar Ameringer.....Oklahoma City
Oregon—Tom J. Lewis.....Portland
Pennsylvania—James H. Maurer.....Reading
John W. Slayton.....McKeesport
Thomas F. Kennedy.....McKees Rocks
Rhode Island—Eugene Morressey.....Woonsocket
South Dakota—E. J. Ballinger.....Lead
Tennessee—John M Ray.....Nashville
Texas—M. S. Graham.....Leuders
J. B. Gay.....Columbus
Utah—F. J. Mallet.....Tooele
Vermont—J. H. Dunbar.....North Hartland
Virginia—J. T. Chappell.....Richmond
Washington—A. H. Barth.....Tacoma
West Virginia—D. O. Boone.....Anthony
Wisconsin—Carl D. Thompson.....Milwaukee
Victor L. Berger.....Milwaukee
Wyoming—Charles H. Powell.....Rock Springs

SOCIALIST LABOR PARTY.

Headquarters—28 City Hall place, New York, N. Y.
National Secretary—Paul Augustine, New York.

NATIONAL EXECUTIVE COMMITTEE.

California—Olive M. Johnson.....Fruitvale
Colorado—Dr. J. D. DeShazer.....Durango
Connecticut—Joseph Marek.....New Haven
Illinois—F. H. Kuchenbecker.....Chicago
Indiana—Joseph Matz.....Indianapolis
Iowa—A. S. Dowler.....Des Moines
Kentucky—James H. Arnold.....Louisville
Massachusetts—Arthur E. Reimer.....South Boston
Michigan—George Hasseler.....Detroit
Minnesota—Samuel Johnson.....St. Paul
Missouri—O. F. Meier.....St. Louis
New Jersey—Rudolph Katz.....Paterson
New York—Boris Reinstein.....Buffalo
Ohio—John Kircher.....Cleveland
Pennsylvania—William H. Thomas.....Buena Vista
Washington—C. M. Carlson.....Tacoma
Wisconsin—Albert Schnable.....Milwaukee
Virginia—Dr. B. D. Downey.....Portsmouth

ILLINOIS STATE COMMITTEES.

Elected Sept. 15, 1910.

REPUBLICAN.

Headquarters—Grand Pacific hotel, Chicago.
Chairman—Roy O. West, Chicago.
Secretary—Edward St. Clair, Streator.
Treasurer—Bernard A. Eckhart, Chicago.
Executive Committee—Charles P. Hitch, chairman; Chauncey Dewey, Charles W. Vail, Thomas J. Healy, Fred A. Busse, Joseph A. Painter, Charles H. Williamson, G. DeF. Kinney, Charles G. Eckhart, John A. Wheeler, Joseph H. Patterson, W. S. Phillips, James A. White.

Dist.*
1. Chauncey Dewey...3266 Lake Park-av., Chicago
2. Roy O. West.....5633 Woodlawn-av., Chicago
3. Charles W. Vail.....7159 Normal-bd., Chicago
4. Thomas J. Healy.....4621 Emerald-av., Chicago
5. Jos. E. Bidwill, Sr...1112 S. Ashland-bd., Chicago
6. Homer K. Galpin.....1920 Monroe-st., Chicago
7. Joseph A. Painter.....3323 Walnut-st., Chicago
8. Jacob H. Marks.....720 N. May-st., Chicago
9. Fred A. Busse.....City hall, Chicago
10. George W. Paullin.....Evanston
11. Joseph H. Patterson.....Marengo
12. Charles E. Hook.....Ottawa
13. Delos W. Baxter.....Rochelle
14. W. A. Rosenfield.....Rock Island
15. Charles H. Williamson.....Quincy
16. G. DeF. Kinney.....Peoria
17. Frank L. Smith.....Dwight
18. Charles P. Hitch.....Paris
19. Charles G. Eckhart.....Tuscola
20. John R. Robertson.....Jacksonville
21. John A. Wheeler.....Springfield
22. W. C. Hadley.....Collinsville
23. L. L. Emmerson.....Mount Vernon
24. W. S. Phillips.....Ridgway
25. James A. White.....Murphysboro
*Congressional districts.

DEMOCRATIC.

Headquarters—Hotel LaSalle, Chicago.
Chairman—Charles Boeschenstein, Edwardsville.
First Vice-Chairman—Arthur W. Charles, Carmi.
Second Vice-Chairman—H. N. Wheeler, Quincy.
Third Vice-Chairman—Henry T. Bergen, Chicago.

Secretary—Isaac B. Craig, Mattoon.
Sergeant-at-Arms—John A. Logan, Elgin.
Treasurer—Ernest Hoover, Taylorville.

DISTRICT COMMITTEEMEN.

Dist.
1. Robert Redfield.....3622 Michigan-av., Chicago
2. James J. Kelly.....4310 Vincennes-av., Chicago
3. Henry P. Bergen.2736 S. Marshfield-av., Chicago
4. Thomas F. Aylward....1159 W. 47th-st., Chicago
5. Frank Vanacek.....1726 W. 19th-st., Chicago
6. Stephen D. Griffin..2935 W. Adams-st., Chicago
7. Eugene W. Sullivan.....2900 Fulton-st., Chicago
8. Michael C. Conlon..1118 W. Monroe-st., Chicago
9. Herman J. Bauler....1507 Cleveland-av., Chicago
10. John Haderlein.....1901 Wellington-st., Chicago
11. John A. Logan.....Elgin
12. Fred LeRoy.....Streator
13. William Hogan.....Lanark
14. John W. Williams.....Carthage
15. H. N. Wheeler.....Quincy
16. Joseph A. Weil.....Peoria
17. Martin A. Brennan.....Bloomington
18. Harry Moss.....Paris
19. Isaac B. Craig.....Mattoon
20. James McNabb.....Carrollton
21. Ernest Hoover.....Taylorville
22. Charles Boeschenstein.....Edwardsville
23. Rene Havill.....Mount Carmel
24. Arthur W. Charles.....Carmi
25. William S. Cantrell.....Benton

PROHIBITION.

Headquarters—Room 16, 92 LaSalle-st., Chicago.
Chairman—Alonzo E. Wilson, Wheaton.
Vice-Chairman—R. H. Patton, Springfield.
Secretary—L. F. Gumbart, Macomb.
Treasurer—George Hoffman.
Executive Committee—The above officers and Charles R. Jones, Evanston; Rev. E. R. Worrell, D. D., Chicago, and L. J. Kendall, LaMoille.
Dist.
1. Samuel B. Lingle.....3144 Vernon-av., Chicago
2. Edwin R. Worrell.....7213 Rhodes-av., Chicago
3. Mrs. Emily M. Hill..5939 Wentworth-av., Chicago
4. Albert J. Terwell.....3452 W. 23d-st.
5. .....
6. Fred W. Ellsworth.....River Forest
7. W. B. Rose.....1713 N. Humboldt-st., Chicago
8. .....
9. William F. Shaw.....1044 George-st., Chicago
10. Charles Reading Jones..... .....Evanston
11. Alonzo E. Wilson.....Wheaton
12. Frank K. Hook.....Grand Ridge
13. Fremont D. Lahman.....Franklin Grove
14. Louis F. Gumbart.....Macomb
15. A. D. Metcalf.....Oneida
16. L. J. Kendall.....LaMoille
17. Marion Gallup.....Pontiac
18. George W. Woolsey.....Danville
19. Albert M. Caldwell.....Champaign
20. John E. Vertrees.....Pittsfield
21. Robert H. Patton.....Springfield
22. Eldon Grant Burritt.....Greenville
23. John H. Shup.....Newton
24. W. A. Morgan.....Bone Gap
25. Hervey A. DuBois.....Cobden

SOCIALIST.

Headquarters—180 Washington street, Chicago.
Chairman—W. C. Benton, Chicago.
Secretary—J. O. Bentall, Chicago.
Executive Committee—Charles W. Kuen, Nels Anderson, John S. Hansen, Fred H. Krahl, W. C. Benton, Daniel Donohue, John Lewin, Guy Underwood, Oscar H. Ogren.
Dist.
1. Charles W. Kuen.....3101 State-st., Chicago
2. Nels Anderson.....11640 Yale-av., Chicago
3. D. A. McQueen.....Harvey
4. John Lewin.....3060 Lyman-st., Chicago
5. W. C. Benton.....587 S. Ashland-av., Chicago
6. John McGill.....2231 S. Springfield-av., Chicago
7. Daniel Donohue.....2443 Station-st., Chicago
8. John S. Hansen.....1365 Grand-av., Chicago
9. Fred H. Krahl.....11 W. Erie-st., Chicago
10. Richard Oge.....2945 Robey-st., Chicago
11. Guy Underwood.....Aurora
12. Oscar H. Ogren.....Rockford
13. Leroy Lattig.....Freeport
14. Joseph T. Krone.....Moline
15. James W. Connery.....Kewanee
16. Fred Hebert.....Ladd
17. John Brazell.....Lincoln
18. Charles Sievers.....Kankakee
19. E. Lyons.....Clinton
20. Jesse Morgan.....Whitehall
21. John Mainwaring.....Thayer
22. Dan L. Thomas.....O'Fallon
23. John Krause.....Trenton
24. Ewell Wrork.....Ledford
25. D. W. Kennedy.....Duquoin

COOK COUNTY COMMITTEES.

COUNTY EXECUTIVE COMMITTEE OF THE REPUBLICAN PARTY OF COOK COUNTY.

Headquarters—76 5th avenue.
Chairman—Charles W. Andrews.
Vice-Chairman—Daniel A. Campbell.
Treasurer—Fred A. Busse.
Secretary—William H. Weber.
Board of Directors—Charles W. Andrews, chairman; Chauncey Dewey, Roy O. West, John J. Hanberg, Homer K. Galpin, Daniel A. Campbell, Fred A. Busse, Joseph F. Haas, Charles S. Deneen, Charles W. Vail, William H. Weber, Joseph E. Bidwill, Sr., Milton J. Foreman, John R. Thompson, Christopher Mamer, John C. Cannon.
Ward.
1. Francis P. Brady.....1311 Michigan-av.
2. Chauncey Dewey.....3266 Lake Park-av.
3. Milton J. Foreman.....3758 Grand-bd.
4. Charles L. Strook.....212 W. 24th-pl.
5. Thomas J. Finucane.....2112 Loomis-st.
6. John R. Thompson.....4512 Grand-bd.
7. Roy O. West.....5633 Woodlawn-av.
8. John J. Hanberg.....9028 Escanaba-av.
9. William J. Cooke.....1920 S. Halsted-st.
10. William B. Burke.....1251 W. 14th-pl.
11. Joseph E. Bidwill, Sr.....1113 S. Ashland-bd.
12. August W. Miller.....3135 Carlyle-pl.
13. David W. Clark.....3125 Warren-av.
14. Daniel A. Campbell.....2852 Washington-bd.
15. George A. Mugler.....1351 N. California-av.
16. John F. Devine.....1345 N. Robey-st.
17. Isadore H. Himes.....715 N. Ashland-av.
18. Leland Berz.....1022 W. Jackson-bd.
19. Christopher Mamer.....501 Throop-st.
20. Homer K. Galpin.....1920 W. Monroe-st.
21. Fred A. Busse.....1441 Sedgwick-st.
22. Bernard F. Clettenberg.....1011 Larrabee-st.
23. Charles W. Andrews.....2019 Lincoln-av.
24. Leonard A. Brundage.....2210 Clifton-av.
25. Isaac H. Bryan.....5422 Lakewood-av.
26. John C. Cannon.....1811 Larchmont-av.
27. Willard M. McEwen.....4221 N. 41st-ct.
28. Joseph F. Haas.....2712 W. Fullerton-av.
29. Matt A. Mueller.....5017 S. Wood-st.
30. Thomas J. Healy.....4621 Emerald-av.
31. Charles S. Deneen.....Springfield, Ill.
32. Charles W. Vail.....7159 Normal-bd.
33. Edward E. Ertsman.....11300 Morse-av.
34. William Lorimer.....3659 Douglas-bd.
35. Frederick Lundin.....558 N. 51st-ct.

COUNTRY DISTRICTS.

1. George Mann.....Harvey
2. William H. Weber.....Blue Island
3. Peter M. Hoffman.....Des Plaines
4. Allen S. Ray.....637 N. Euclid-av., Oak Park
5. William Busse.....Mount Prospect
6. George W. Paullin..1908 Sheridan-rd., Evanston

CENTRAL COMMITTEE OF THE DEMOCRATIC PARTY OF COOK COUNTY.

Headquarters—Hotel LaSalle, suite 216, 217, 218.
Chairman—John McCarthy.
Secretary—William Legner.
Treasurer—Fred W. Blocki.
Financial Secretary—George L. McConnell.
Sergeant-at-Arms—Thomas F. Little.
Vice-Presidents—Frank S. Ryan, Edward J. Novak, John McGillen, Peter Reinberg.
Executive Committee—John McCarthy, chairman; William Legner, secretary; Roger C. Sullivan,

John J. Coughlin, James M. Dailey, William L. O'Connell, Edward F. Brennan, John Mack, John J. Leonard, Joseph A. Swift, James A. Long, Edward J. Novak, A. J. Cermak, John J. McLaughlin, Joseph Strauss, Stanley H. Kunz, John J. Brennan, Thomas Gallagher, John J. Hayes, Frank C. Burke, Frank S. Ryan, John Haderlein, Jacob H. Hopkins, Thomas J. Webb, George E. Brennan, Harry R. Gibbons, Ross C. Hall, Walter A. Lantz.

Ward. MANAGING COMMITTEE.

1. John J. Coughlin.....125 LaSalle-st.
   Michael Kenna.....279 S. Clark-st.
2. John B. Ryan.....2449 Cottage Grove-av.
   Henry P. Downey.....2704 South Park-av.
3. Daniel J. Harris.....3631 LaSalle-st.
   Clem Kuehne.....3554 Cottage Grove-av.
4. James M. Dailey.....549 W. 31st-st.
   Henry Stuckart.....2517 Archer-av.
5. Charles Martin.....3635 Emerald-av
   Patrick J. Carr.....3521 Western-av.
6. William L. O'Connell.....64 Wabash-av.
   John P. Gibbons.....5008 Wabash-av.
7. Edward F. Brennan.....6310 Cottage Grove-av.
   William Rothman.....6035 Drexel-av.
8. John H. Mack.....154 Sherman-st.
   Alex Wisniewski.....8708 Houston-av.
9. Dennis J. Egan.....654 W. 18th-st.
   Dr. George Sultan.....1314 S. Halsted-st.
10. Edward J. Novak.....1714 Loomis-st.
    Paul Risman.....1119 W. 12th-st.
11. Fred Rohde.....88 LaSalle-st.
    Edward Straka.....18th-pl. and Laflin-st.
12. A. J. Cermak.....2532 S. Trumbull-av.
    F. Biewersdorf.....2101 S. Western-av.
13. W. R. Skidmore.....91 S. Clark-st.
    M. H. Rogers.....488 S. Fairfield-av.
14. Thomas F. Little.....2248 W. Lake-st.
    Patrick Nash.....2946 Washington-bd.
15. Joseph Strauss.....1252 N. Robey-st.
    John P. Tansey.....785 N. Fairfield-av.
16. Stanley H. Kunz.....1349 Noble-st.
    F. W. Koraleski.....Atwood building
17. William E. Dever.....506 Ashland block
    Stan Kielecyriski.....1433 Cornell-st.
18. John J. Brennan.....801 W. Madison-st.
    William J. Gaynor.....138 Canal-st.
19. John Powers.....119 S. Clark-st.
    Thomas Gallagher.....241 S. Sangamon-st.
20. John J. Hayes.....1645 W. Jackson-bd.
    George L. McConnell.....218 S. Seeley-av.
21. John F. O'Malley.....401 N. Clark-st.
    Jacob H. Hopkins.....79 Dearborn-st.
22. James J. Lyons.....472 Kingsbury-st.
    Thomas Sturch.....1126 Chatham-ct.
23. F. X. Brandecker.....1948 Sedgwick-st.
    D. W. Sullivan.....2046 Mohawk-st.
24. John Hynes.....2229 Clybourn-av.
    Joseph A. Weber.....2920 Southport-av.
25. Harry R. Gibbons.....2434 Orchard-st.
    William F. Quinlan.....1224 Catalpa-av.
26. Patrick F. Haynes.....3454 Southport-av.
    Matt Everett.....2008 E. Ravenswood-av.
27. Fred D. Breidt.....4136 W. North-av.
    Neil Murley.....3553 Elston-av.
28. Frank C. Burke.....1621 Milwaukee-av.
    J. J. Tagney.....2003 Milwaukee-av.
29. Joseph A. Swift.....5430 S. Halsted-st.
    Frank McDermott.....5443 Ashland-av.
30. William J. Cronin.....4246 5th-av.
    D. D. McCarthy.....5305 Halsted-st.
31. James A. Long.....227 W. 60th-st.
    Terrence Moran.....5634 Ada-st.
32. M. J. O'Connor.....7110 Emerald-av.
    John P. Smith.....7043 Morgan-st.
33. J. J. Leonard.....11419 South Park-av.
    G. De Haan.....9242 Cottage Grove-av.
34. Frank S. Ryan....Comptroller's office, Co. bldg.
    Wm. P. Feeney.....4328 Washington-bd.
35. M. J. Collins.....137 South Waller-av.
    John S. Clark.....4260 Grand-av.

AT LARGE.

Roger C. Sullivan.....2954 Washington-bd.
William Legner.....916 N. Paulina-st.
John J. McLaughlin.....145 LaSalle-st.
John McCarthy.....Hotel Metropole
George E. Brennan.....206 LaSalle-st.
Ben Rosenthal.....170 Wabash-av.
John W. Eckhart.....211 N. Carpenter-st.
Leslie P. Kelly.....308 Baird-av.

Stephen A. Malato.....59 S. Clark-st.
Edward J. Joyce.....1528 Turner-av.
Thomas J. Webb.....626 W. Randolph-st.
Frank H. McCulloch..1104 Merchants L. & T. bldg.
James Turnock.....39, 107 Dearborn-st.

COUNTRY TOWNS.

William H. Stolte.....Chicago Heights
J. J. O'Rourke.....Harvey
Frank Keough.....Lemont
Ross C. Hall.....Oak Park
Walter A. Lantz.....LaGrange
Louis Richter.....Melrose Park
August Koelling.....Arlington Heights
Charles Stoeffel.....Cicero
Anthony Hurt.....Winnetka

THE PROHIBITION CENTRAL COMMITTEE OF COOK COUNTY.

Headquarters—Suite 18, 92 LaSalle street.
Chairman—William A. Brubaker.
Vice-Chairman—Dudley Grant Hays.
Secretary—Joseph G. Tyssowski.
Treasurer—John Harper.
Executive Committee—William A. Brubaker, Dudley Grant Hays, Joseph G. Tyssowski, William F. Mulvihill, John Harper, George G. Pendell, Charles O. Boring.

Ward. MANAGING COMMITTEE.

1. George G. Pendell.....2124 Michigan-av.
   H. E. Eckles.....46 Sherman-st.
2. Walter H. Rogers.....3241 Vernon-av.
   Robert F. Mix.....3210 Vernon-av.
3. George W. Doolittle.....2441 Vernon-av.
   C. J. Nyman.....3349 Forest-av.
4. C. J. Morrison.....3115 Lowe-av.
5. F. J. Reed.....3613 Archer-av.
   Stewart McDonald.....3253 S. Irving-av.
6. E. B. Trubey.....425 E. 42d-st.
   W. A. Bowman.....4017 Grand-bd.
7. W. F. Mulvihill.....7024 Calumet-av.
   Edward L. White.....5821 Indiana-av.
8. O. G. Osterberg.....10008 Avenue L
   H. N. Anderson.....10000 Avenue L
11. George H. Van Dyke.....1525 Hastings-st.
    E. J. Ellis.....934 W. 13th-st.
12. A. J. Terwell.....3455 W. 23d-st.
    O. J Krampikowsky.....2642 W. 23d-st.
13. Otto F. Garner.....2514 Wilcox-av.
    Thomas H. Gault.....3552 W. Congress-st.
14. Harry W. Hyatt.....2003 W. Huron-st.
    Joseph E. Miller.....2146 W. Ohio-st.
15. C. K. Solberg.....2626 Potomac-av.
    J. G. Scovern.....1447 N. Fairfield-av.
16. Dr. F. H. Booth.....1627 W. North-av.
    Edward Horth.....1528 Holt-av.
17. John Nelson.....1336 W. Ohio-st.
    P. O. Soderstrom.....1160 W. Huron-st.
18. Charles H. Mortimer.....121 N. May-st.
    D. J. Davis.....117 S. Halsted-st.
19. Hugh M. Collins.....1031 S. May-st.
20. Victor Behrens.....2252 W. Jackson-bd.
    J. P. Ellacott.....1918 W. Congress-st.
21. O. F. Sorber.....875 LaSalle-av.
    H. V. Lyon.....42 E. Oak-st.
22. Frank O'Brien.....313 W. Erie-st.
    Edward Fjellander.....364 Wendell-st.
23. A. C. Lehman.....1838 N. Halsted-st.
    Alfred Lake.....545 Garfield-av.
24. J. B. H. Sheppard.....2037 Bissell-st.
    William H. Hall.....2032 Dayton-st.
25. Dudley G. Hays.....1641 Estes-av.
    J. G. Tyssowski.....818 Leland-av.
26. George R. Shirley.....2124 Leland-av.
    A. E. Hoyt.....1720 Leland-av.
27. E. H. Parkinson.....4552 N. 47th-ct.
    A. O. Silversen.....2649 N. Central Park-av.
28. E. L. Williamson.....2520 Moffatt-st.
    John E. Larsen.....2713 Whipple-st.
30. David J. Stewart.....4424 Union-av.
    Thomas G. Moore.....4418 Emerald-av.
31. R. K. Hill.....5939 Wentworth-av.
    J. A. Williams.....2248 W. 59th-st.
32. W. J. Myrtle.....6557 Lafayette-av.
    John Bendixen.....6547 Emerald-av.
33. Alva E. Field.....7321 Evans-av.
    A. H. Schrader.....12129 Parnell-av.
34. Theodore Heintz.....4326 W. 12th-st.
    F. W. Slack.....3151 S. 41st-av.
35. John Harper.....42 N. 53d-av.
    John C. Pirie.....642 N. Pine-av.

EVANSTON.

Charles R. Jones.....
George Hoffman.....

COUNTRY DISTRICTS.

P. M. Guild.....Harvey
H. J. Lagerschulte.....Barrington
George A. Cressey.....Morgan Park
George W. Hoover.....Oak Park
F. W. Ellsworth.....River Forest

COOK COUNTY CENTRAL COMMITTEE OF THE SOCIALIST PARTY.

Headquarters—180 Washington street, third floor.
Chairman—W. E. Rodriguez, 165 Ohio street.
Secretary—Chas. E. Curtiss, 180 Washington street.
Executive Committee—C. M. Madsen, 3328 Beach-av.; John C. Chase, 180 Washington-st.; R. Dreifuss, 406 N. Clark-st.; G. T. Fraenckel, 2947 W. Division-st.; J. T. Hammersmark, 2007 Evergreen-av.; Emil Kuehne, 851 N. Lincoln-st.; John C. Kennedy, 4630 Gross-av.; D. M. Madsen, 3328 Beach-av.; William Van Bodegraven, room 410, 56 5th-av.

DELEGATES TO COOK COUNTY CENTRAL COMMITTEE.

Ward.
1. Ellen D. Megow.....26 Van Buren-st.
2. Henry Kohl.....2303 Dearborn-st.
3. A. S. Raleigh.....1926 Lincoln-av.
4. M. J. Tracey.....3038 Lowe-av.
5. John Lewin.....3060 Lyman-st.
6. M. J. DeMuth.....742 E. 46th-st.
7. J. M. Feigh.....6233 Greenwood-av.
   C. W. Shaw.....1355 E. 64th-st.
   Bernard Berlyn.....865 E. 63d-st.
   May Walden.....840 E. 57th-st.
8. James T. Kelley.....9206 Commercial-av.
9. Morris Seskind.....739 W. 12th-st.
   A. Lasser.....1454 Hastings-st.
10. A. Porcelius.....1075 W. 15th-st.
11. W. C. Benton.....163 E. Randolph-st.
12. George Filler.....2258 S. Sacramento-av.
    William Cherney.....2505 S. St. Louis-av.
    William Wilkens.....2312 W. 23d-st.
    Ella Hoffman.....2300 W. 22d-st.
13. Walter Huggins.....2626 Adams-st.
14. C. O. Overland.....2332 W. Ohio-st.
15. Harriet B. Ratzel.....935 N. Robey-st.
    G. T. Fraenckel.....2947 W. Division-st.
    Emil Kuehne.....851 N. Lincoln-st.
16. Louis Alster.....1534 Milwaukee-av.
17. N. F. Holm.....527 N. Center-av.
18. E. A. Hannenberg.....616 W. Madison-st.
19. A. J. Dubin.....1135 S. Halsted-st.
20. Leonora Pease.....36 Ashland-bd.
    W. E. Rodriguez.....1637 Warren-av.
21. John C. Chase.....1448 N. Clark-st.
    J. Louis Engdahl.....911 LaSalle-av.
    F. Shifflersmith.....1439 N. Clark-st.
22. Vincent Verde.....1019 Townsend-st.
23. Ernest Hoerich.....950 Willow-st.
24. Adam Belz.....2215 Clifton-av.
25. W. Francis Hill.....3651 Sheffield-av.
26. William Schutte.....3310 Herndon-st.
27. William J. Jensen.....2235 Monticello-av.
    Ben Olin.....2115 N. 44th-ct.
    Carl Strover.....Jefferson Park, Ill.
    Charles Spenks.....3110 N. Spaulding-av.
    Hyman Epstein.....4866 Lincoln-av.
    Emil Hoffman.....2907 Belmont-av.
    H. C. Mestimaker.....291 Michigan-av.
28. H. B. Fish.....2852 N. Humboldt-st.
    Adolph Christiansen.....2947 Cortland-st.
29. Harry Whitemiller.....5048 Hermitage-av.
30. De Witt Woolverton.....5436 Princeton-av.
31. Charles Harold.....3544 63d-st.
    R. B. Olson.....6940 Bishop-st.
32. Clifford Cox.....6329 Stewart-av.
33. H. C. Diehl.....11518 Princeton-av.
34. W. G. Zoeller.....1358 S. 41st-ct.
35. C. M. Madsen.....3328 Beach-av.
    Dorothy M. Madsen.....3328 Beach-av.
    Frank Henkernmeyer.....654 N. Park-av.

Thornton—C. Int. Hout, Jr.....715 N. State-st.
Ridgeville—A. M. Simons.....2319 Sherman-av.
Maywood-Melrose—P. L. Anderson.....306 N. 3d-av.
Oak Park—Ed Peterson.....522 Highland-av.
33d Ward, Holland—L. Boersma..10624 Wentworth-av.
Finnish Branch No. 1—Ed Olla.....2041 Lincoln-av.
    J. W. Sarlund.....639 Sherman-pl.
    Felix Leino.....1003 LaSalle-st.
    G. H. Hendricks.....69 Washington-pl.
    Victor Watia.....180 Washington-st.
Lettish Branch—William Behrse.....2484 Taylor-st.
    E. Dipner.....2028 Cleveland-av.
    J. Smith.....2802 Emerald-av.
    P. Apsit.....111 Maple-st.
Pullman Lettish—Andrew Lyman.....
Bohemian Central Committee—Steve Skalla.....
    .....1337 W. 20th-st.
    Frank Novak.....1122 N. Western-av.
    Charles Czerny.....2224 W. 48th-st.
    Joseph Cisanek.....1643 Nutt-st.
    Richard Macek.....2519 S. Kedzie-av.
German Central Committee—Lars Hanson.....
    .....3430 N. Irving-av.
    Henry Jensen.....2311 W. 21st-st.
    J. Sommerfeld.....3521 W. North-av.
    Fritz Quast.....2950 S. Hoyne-av.
    Edmund Rieckehr.....2158 Lincoln-av.
    Charles Kissling.....2104 Lincoln-av.
    A. Dreifuss.....406 N. Clark-st.
Scandinavian Club, "Evanston"—M. Otteson.....
Scandinavian Carl Marx Club—N. J. Christiensen.....2517 Ems-st.
17th Ward Scandinavian—G. Olson....2517 Ems-st.
    Claus Nicolls.....748 S. Winchester-av.
19th Ward Jewish—Dr. S. A. Knopfnagel.....
    .....2701 Jackson-bd.
12th Ward Italian—J. C. Pellegrini.....
    .....2440 S. Oakley-av.
Chicago Heights Italian—G. Darin.....213 21st-st.
Croatian Branch—Math Maric.....1922 Morgan-st.
29th Ward Lithuanian—J. Semaschko.....
    .....4352 S. Wood-st.
Northwest Side Russian Branch—S. Bliwass...
    .....1645 N. Irving-av.
Slovanic Branch—John Petrick....2708 Lawndale-av.

MEDICAL COLLEGES IN THE UNITED STATES.

From the Journal of the American Medical Association.

NUMBER OF COLLEGES.

Year.	Regular.	Homeopathic.	Eclectic.	Physio-Med.	Nondescript.	Total.
1880.....	72	12	6	...	...	90
1890.....	93	14	9	...	...	116
1900.....	121	22	8	...	...	151
1901.....	124	21	10	2	2	159
1902.....	121	20	10	3	1	155
1903.....	121	19	10	3	1	154
1904.....	133	19	10	3	1	166
1905.....	129	18	9	3	1	160
1906.....	130	18	9	3	1	161
1907.....	131	17	8	3	2	161
1908.....	123	16	8	2	3	152
1909.....	117	14	8	2	3	144
1910.....	111	13	7	1	1	133

MEDICAL COLLEGE ATTENDANCE.

1880.....	9,776	1,220	830	...	...	11,826
1890.....	13,521	1,164	719	...	...	15,404
1900.....	22,710	1,909	522	...	...	25,171
1901.....	23,846	1,683	664	80	144	26,417
1902.....	24,878	1,617	765	91	150	27,501
1903.....	24,930	1,498	848	149	190	27,615
1904.....	23,662	1,309	1,014	123	234	28,142
1905.....	24,119	1,104	578	114	232	26,147
1906.....	23,116	1,085	644	110	249	25,204
1907.....	22,303	1,039	545	97	292	24,276
1908.....	20,936	891	479	90	206	22,602
1909.....	20,554	899	413	52	227	22,145
1910.....	20,136	867	455	49	19	21,526

MEDICAL COLLEGE GRADUATES.

1880.....	2,673	350	188	...	...	3,241
1890.....	3,853	380	221	...	...	4,454
1900.....	4,715	413	86	...	...	5,214
1901.....	4,879	387	148	18	12	5,444
1902.....	4,498	336	138	16	11	4,999
1903.....	5,088	420	149	24	17	5,698
1904.....	5,190	371	146	20	20	5,747
1905.....	5,126	276	153	22	23	5,600
1906.....	4,841	286	186	22	29	5,364
1907.....	4,591	225	121	11	32	4,980
1908.....	4,370	215	116	12	28	4,741
1909.....	4,090	209	84	15	44	4,442
1910.....	4,113	179	114	16	14	4,436

AMERICAN UNIVERSITIES AND COLLEGES.

Nonsectarian and undenominational schools marked with *.

School, location and date of founding.	President.	Instructors.	Students.
Adelphi college,* Brooklyn, N. Y. (1896)	C. H. Levermore, Ph. D.	30	464
Adrian college, Adrian, Mich. (1859)	B. W. Anthony, D. D.	24	210
Agnes Scott college, Decatur, Ga.	F. H. Gaines, D. D.	15	205
Ag. & Mech. Col. of Tex.,* Col. S., Tex. (1876)	R. T. Miller, LL. D.	8	838
Alabama Polytechnic Inst.,* Auburn, Ala. (1872)	C. C. Thach, M. A., LL. D.	64	760
Albany college, Albany, Ore. (1866)	H. M. Croks	14	211
Albion college, Albion, Mich. (1861)	Hon. Samuel Dickie, LL. D.	26	499
Alfred university,* Alfred, N. Y. (1836)	Boothe C. Davis, Ph. D.	30	325
Allegheny college, Meadville, Pa. (1815)	W. H. Crawford, D. D.	18	339
Alma college, Alma, Mich. (1887)	A. F. Bruske, M. S., D. D.	25	276
American Inter. col.,* Springfield, Mass. (1885)	Rev. R. De Witt Mallory, D. D.	12	81
Amer. Univ. of Harriman, Harriman, Tenn. (1893)	W. T. Robinson, M. A.	12	265
Amherst college,* Amherst, Mass. (1825)	George Harris, LL. D.	48	532
Amity college,* College Springs, Iowa (1855)	Rev R. A. McConagha, D. D.	11	200
Andover Theological sem., Cambridge, Mass. (1808)	Albert P. Fitch, D. D.	7	5
Antioch college,* Yellow Springs, O. (1852)	S. D. Fess, LL. D.	18	234
Arkansas college, Batteville, Ark (1872)	Eugene R. Long, Ph. D.	9	157
Armour Insti. of Technology,* Chicago, Ill. (1893)	F. W. Gunsaulus, D. D., LL. D.	66	1,405
Atlanta university,* Atlanta, Ga. (1869)	Edward T. Ware, A. B., D. D.	32	375
Auburn Theological sem., Auburn, N. Y. (1819)	G. B. Stewart, D. D., LL. D.	30	71
Augsburg seminary, Minneapolis, Minn. (1869)	Sven Oftedal, D. D.	10	160
Augustana college, Rock Island, Ill. (1860)	Gustav Andreen, Ph. D.	37	515
Baker university, Baldwin, Kas. (1858)	L. H. Murlin, D. D.	31	681
Baldwin university, Berea, O. (1856)	Robert L. Waggoner, A. M., D. D.	25	495
Barnard college,* New York, N. Y. (1889)	N. M. Butler, LL. D., Litt D.	75	794
Bates college,* Lewiston, Me. (1864)	George C. Chase, A. M., D. D., LL. D.	19	461
Baylor university, Waco, Tex. (1845)	Samuel P. Brooks, A. M., LL. D.	79	1,329
Bellevue college, Bellevue, Neb. (1880)	Stephen W Stookey, D. D.	17	176
Beloit college,* Beloit, Wis. (1846)	E. D. Eaton, D. D., LL. D.	32	449
Berea college,* Berea, Ky. (1855)	W. Goodell Frost, Ph. D., D. D., LL. D.	65	1,356
Bethany college, Bethany, W. Va. (1840)	T. E. Cramolet, A. M., LL. D.	18	342
Bethany college, Lindsborg, Kas. (1881)	Ernest P. Pihlblad, A. M.	42	902
Bethel college, Russellville, Ky.	F. D. Perkins, M. A.	9	90
Bissell Col. of Photo-Engraving, Effingham, Ill.	L. H. Bissell	3	75
Blackburn college, Carlinville, Ill. (1857)	Walter H. Bradley, Ph. D. (acting)	12	204
Boston college, Boston, Mass. (1863)	Thomas J. Gasson, S. J.	25	769
Boston university, Boston, Mass. (1869)	William E. Huntington, LL. D.	154	1,514
Bowdoin college, Brunswick, Me. (1794)	William DeWitt Hyde, D. D., LL. D.	63	419
Bradley Polytechnic institute, Peoria, Ill.	Theodore C. Burgess, Ph. D.	40	936
Brigham Young college, Logan, Utah (1877)	James H. Linford, B. S., B. D.	26	530
Brown university,* Providence, R. I. (1764)	William H. P. Faunce, D. D., LL. D.	90	967
Bryn Mawr college,* Bryn Mawr, Pa. (1885)	Miss M. C. Thomas, Ph. D., LL. D.	55	407
Buchtel college, Akron, O. (1870)	A. B. Church, D. D., LL. D.	16	481
Bucknell university, Lewisburg, Pa. (1846)	John Howard Harris, LL. D.	48	703
Butler college,* Indianapolis, Ind. (1850)	Thomas C. Howe, LL. D.	16	481
Canisius college, Buffalo, N. Y. (1870)	Augustine A. Miller, S. J.	28	400
Carleton college,* Northfield, Minn. (1866)	Donald G. Cowling, D. D., Ph. D.	26	340
Carroll college, Waukesha, Wis. (1846)	Wilbur O. Carrier, M. A.	18	197
Carson & Neman col., Jefferson City, Tenn. (1851)	M. D. Jeffries, M. D., D. D.	25	454
Carthage college, Carthage, Ill. (1870)	Henry D. Hoover, A. M., B. D., Ph. D.	16	155
Case Sc. Applied Science,* Cleveland, O. (1881)	Charles S. Howe, Ph. D., D. Sc.	35	497
Cath. Univ. of Am., Washington, D. C. (1889)	Thomas J. Shahan, D. D.	38	245
Cedarville college, Cedarville, O. (1887)	David McKinney, D. D.	13	103
Central college, Fayette, Mo. (1857)	William A. Webb, D. D.	11	170
Central Univ. of Kentucky, Danville, Ky. (1819)	F. W. Hinitt, Ph. D., D. D.	35	400
Central Wesleyan college, Warrenton, Mo. (1864)	Otto E. Kriege, D. D., A. B.	22	330
Charles City college, Charles City, Iowa (1891)	Frank E. Hirsh, A. M., D. D.	16	200
Christian university, Canton, Mo. (1853)	Carl Johan, A. M., LL. D.	14	184
Claflin university, Orangeburg, S. C. (1869)	Lewis M. Dunton. A. M., D. D.	40	748
Clark college,* Worcester, Mass. (1902)	Edward C. Sanford, Ph. D.	30	177
Clark univ., South Atlanta Station, Ga. (1870)	William Henry Crogman, A. M., Litt. D.	24	551
Clark university,* Worcester, Mass. (1889)	G. Stanley Hall, Ph. D., LL. D.	52	302
Clarkson School Tech.,* Potsdam, N. Y. (1896)	W. S. Aldrich, M. E., director	9	83
Clemson Ag. col.,* Clemson college, S. C. (1896)	W. M. Riggs (acting)	53	653
Coe college, Cedar Rapids, Iowa (1881)	John A. Marquis	21	334
Colby college, Waterville, Me. (1820)	A. J. Roberts	21	299
Colgate university,* Hamilton, N. Y. (1819)	William H. Crawshaw, A. M. (acting)	25	307
College City of New York,* New York (1847)	John H. Finley, LL. D.	232	4,340
College of Emporia, Emporia, Kas. (1882)	Henry C. Culbertson	21	395
College of St. Elizabeth, Convent Station, N. J.	Sister Mary Pauline	34	376
Colorado college,* Colorado Springs, Col. (1874)	William F. Slocum, D. D., LL. D.	40	687
Columbia university,* New York, N. Y. (1754)	Nicholas M. Butler, Ph. D., LL. D., Litt. D.	610	6,232
Concordia college, Fort Wayne, Ind. (1839)	Rev. Martin Luecke	11	237
Converse college,* Spartansburg, S. C. (1890)	Robert P. Pell, Litt. D.	36	319
Cooper college, Sterling, Kas. (1887)	R. T. Campbell, D. D.	13	191
Cornell college, Mount Vernon, Iowa (1853)	James E. Harlan, LL. D.	40	741
Cornell university,* Ithaca, N. Y. (1868)	Jacob G. Schurman, D. Sc., LL. D.	640	5,362
Creighton university, Omaha, Neb. (1879)	Eugene A. Magerney, S. J.	140	825
Cumberland university, Lebanon, Tenn.	Winstead P. Bone, D. D.	19	274
Dakota Wesleyan univ., Mitchell, S. D. (1883)	Samuel F. Kerfoot, D. D.	27	815
Dartmouth college,* Hanover, N. H. (1769)	Ernest Fox Nichols, D. Sc.	186	1,197
Davidson college, Davidson, N. C. (1837)	Henry L. Smith, Ph. D., LL. D.	27	345
Defiance college, Defiance, O. (1902)	P. W. McReynolds, A. M.	22	375
Delaware college,* Newark, Del. (1833)	George A. Harter, M. A., Ph. D.	24	165
Denison university, Granville, O. (1831)	Emory W. Hunt, D. D., LL. D.	42	566

School and location.	President.	Instructors.	Students.
De Paul university, Chicago, Ill.	Very Rev. J. J. Martin, C. M.	28	225
De Pauw university, Greencastle, Ind. (1837)	Francis J. McConnell, LL. D.	44	1,055
Des Moines college, Des Moines, Iowa (1865)	Loran D. Osborn, Ph. D.	19	300
Dickinson college, Carlisle, Pa. (1783)	George E. Reed, S. T. D., LL. D.	33	555
Doane college, Crete, Neb. (1872)	David B. Berry, D. D.	22	247
Drake university, Des Moines, Iowa (1881)	Hill M. Bell, A. M.	160	1,843
Drew Theo. seminary, Madison, N. J. (1866)	Henry A. Buttz, D. D., LL. D.	10	161
Drury college, Springfield, Mo. (1873)	Joseph H. George	25	450
Earlham college, Richmond, Ind. (1847)	Robert L. Kelly, LL. D.	23	556
Elmira college, Elmira, N. Y (1855)	A. C. Mackenzie, D. D., LL. D.	15	300
Elon college, Elon College, N. C. (1890)	Emmitt L. Moffit, M. A., LL. D.	15	180
Emory and Henry college, Emory, Va. (1838)	John N. Brown, LL. D.	11	237
Emory college, Oxford, Ga. (1836)	James E. Dickey, D. D.	15	313
Erskine college, Due West, S. C. (1839)	James S. Moffat, D. D.	10	153
Ewing college, Ewing, Ill. (1867)	J. A. Leavitt, LL. D.	15	190
Fairmount college, Wichita, Kas. (1895)	Henry E. Thayer	22	341
Fargo college, Fargo, N. D. (1888)	Charles E. Oreegan, D. D.	22	376
Fisk university, Nashville, Tenn. (1866)	George A. Gates, D. D., LL. D.	32	462
Fordham university, New York, N. Y. (1841)	Rev. Daniel J. Quinn, D. D., S. J.	120	430
Forth Worth univ. Fort Worth, Tex. (1881)	William Fielder, D. D.	57	1,190
Frank Hughes college, Clifton, Tenn. (1906)	H. F. Bynum and W. W. Pullen	8	364
Franklin & Marshall col., Lancaster, Pa. (1887)	Henry H. Apple, D. D.	26	497
Franklin college, Franklin, Ind. (1834)	M. E. Crowell (acting)	14	275
Franklin college,* New Athens, O. (1825)	A. M. Campbell, D. D.	9	98
Furman university, Greenville, S. C. (1851)	Edwin McNeil Poteat, LL. D.	14	323
General Theo. sem., New York, N. Y. (1817)	Wilford L. Robbins, D. D., LL. D.	15	117
Georgetown univ.,* Washington, D. C. (1789)	Rev. Joseph J. Himmel, S. J.	144	1,085
Girard college,* Philadelphia, Pa. (1848)	C. A. Herrick, Ph. D.	66	1,779
Goucher college, Baltimore, Md. (1888)	Eugene A. Noble, S. T. D.	28	357
Greer college,* Hoopeston, Ill. (1891)	E. L. Bailey, B. S., M. S.	10	100
Grinnell college, Grinnell, Iowa (1847)	J. H. T. Main, Ph. D.	50	711
Grove City college,* Grove City, Pa. (1876)	I. C. Ketler, D. D., LL. D., Ph. D.	25	650
Guilford college, Guilford College, N. C. (1888)	Lewis L. Hobbs, LL. D.	13	260
Gustaf Adolf college, St. Peter, Minn. (1862)	P. A. Mattson, Ph. D., D. D.	27	375
Hamilton college,* Clinton, N. Y. (1812)	M. Woolsey Stryker, D. D., LL. D.	19	185
Hamline univ., St. Paul, Minn. (1854)	G. H. Bridgman, D. D., LL. D.	19	384
Hampden-Sidney col., Hampden-Sidney, Va. (1776)	Harry T. Graham, D. D.	9	118
Hampton institute,* Hampton, Va. (1868)	Hollis B. Frissell, D. D., LL. D.	135	1,374
Hanover college, Hanover, Ind. (1832)	William A. Mills, LL. D.	18	204
Harvard university,* Cambridge, Mass. (1636)	Abbott L. Lowell, M. A., LL. D.	613	4,046
Hastings college, Hastings, Neb. (1882)	A. E. Turner, LL. D.	13	170
Haverford college, Haverford, Pa. (1833)	Isaac Sharpless, Sc. D., LL. D.	20	158
Hedding college, Abingdon, Ill. (1856)	William P. MacVey, A. B., D. D.	12	165
Heidelberg university, Tiffin, O. (1850)	Charles E. Miller, D. D.	25	337
Hendrix college, Conway, Ark. (1884)	A. C. Millar, A. M., D. D.	10	135
Henry Kendall college, Tulsa, Okla. (1895)	Seth R. Gordon, D. D., LL. D.	12	220
Hillsdale college, Hillsdale, Mich. (1855)	Joseph W. Mauck, A. M., LL. D.	22	332
Hiram college, Hiram, O. (1850)	Miner Lee Bates, A. M.	22	320
Hiwasse college,* Sweetwater, Tenn. (1849)	Eugene Blake, A. M., D. D.	7	128
Hobart college,* Geneva, N. Y. (1822)	L. C. Stewardson, LL. D.	20	112
Holy Cross college, Worcester, Mass. (1843)	Rev. Thomas E. Murphy, S. J.	30	435
Hope college, Holland, Mich. (1866)	Gerritt J. Kollen, A. M., LL. D.	20	350
Howard college, Birmingham, Ala. (1589)	A. P. Montague, LL. D.	11	163
Howard university,* Washington, D. C. (1867)	W. P. Thirkield, D. D., LL. D.	103	1,252
Huron college, Huron, S. D. (1883)	Calvin H. French, A. M., D. D.	20	436
Illinois college, Jacksonville, Ill. (1829)	C. H. Rammelkamp, Ph. D.	18	296
Ill. Col. of Photography, Effingham, Ill.	L. H. Bissell	9	240
Ill. Wesleyan univ., Bloomington, Ill. (1850)	Theodore Kemp, A. B., D. D.	50	790
Indiana university,* Bloomington, Ind. (1820)	William Lowe Bryan, Ph. D.	85	2,564
Iowa State college,* Ames, Iowa (1869)	Albert B. Storms, A. M., D. D.	165	2,631
Iowa Wesleyan univ., Mt. Pleasant, Iowa (1842)	Edwin A. Schell, D. D.	22	667
Jacob Tome institute,* Port Deposit, Md.	Thomas S. Baker, Ph. D. (director)	25	227
Jas. Millikin univ., Decatur, Ill. (1901)	A. R. Taylor, Ph. D., LL. D.	62	1,110
John B. Stetson university,* DeLand, Fla. (1883)	Lincoln Hulley, Ph. D., Litt. D., LL. D.	47	436
Johns Hopkins univ.,* Baltimore, Md. (1876)	Ira Remsen, Ph. D., LL. D.	218	752
Kansas City univ., Kansas City, Mo. (1886)	D. S. Stephens, D. D., LL. D.	42	447
Kansas Wesleyan univ., Salina, Kas. (1886)	Robert P. Smith, A. M., D. D.	42	1,431
Kemper Hall, Kenosha, Wis. (1871)	Mother superior	20	125
Kenyon college, Gambier, O. (1824)	William F. Pierce, M. A., L. H. D.	14	125
Keuka college,*, Keuka Park, N. Y. (1892)	Arthur Braden, A. B., B. D.	10	130
Knox college, Galesburg, Ill. (1837)	Thomas McClelland, D. D., LL. D.	32	451
Knoxville college, Knoxville, Tenn. (1875)	R. W. McGranahan, D. D.	18	404
Lafayette college, Easton, Pa. (1832)	E. D. Warfield, D. D., LL. D.	47	478
LaGrange college, LaGrange, Mo.	Charles A. Deppe (acting)	10	150
Lake Erie college,* Painesville, O. (1837)	Miss Vivian Small, M. A.	25	125
Lake Forest university,* Lake Forest, Ill. (1876)	John S. Nollen, Ph. D.	19	190
Lander college, Greenwood, S. C. (1872)	John O. Willson, D. D.	16	205
LaSalle college, Philadelphia, Pa. (1867)	Rev. Brother Abdas, F. S. C.	14	153
Lawrence university,* Appleton, Wis. (1847)	Samuel Plantz, D. D.	42	650
Lebanon Valley college, Annville, Pa. (1866)	Rev. Lawrence Kelster, S. T. B.	22	227
Lehigh university,* South Bethlehem, Pa. (1866)	Henry S. Drinker, E. M., LL. D.	65	708
Leland Stanford Jr. U.,* Stanford U., Cal. (1891)	David Starr Jordan, LL. D.	164	1,744
Leland university, New Orleans, La. (1869)	R. W. Perkins, LL. D.	67	1,774
Lenox college, Hopkinton, Iowa (1856)	E. E. Reed, M. A., D. D.	13	421
Lewis institute, Chicago, Ill. (1865)	George N. Carman (director)	90	2,726
Liberty college, Glasgow, Ky. (1874)	Robert E. Hatton, A. M., Ph. D.	19	200
Lincoln college, Lincoln, Ill. (1865)	James H. McMurray, Ph. D.	17	301
Livingston college, Salisbury, N. C.	W. H. Goler, A. M., D. D.	15	335

School and location.	President.	Instructors.	Students.
Lombard college,* Galesburg, Ill. (1851)	L. B. Fisher, D. D.	18	101
Louisiana State univ.,* Baton Rouge, La. (1860)	Thomas D. Boyd, A. M., LL. D.	57	665
Loyola university, Chicago, Ill. (1909)	Rev. A. J. Burrowes, S. J.	93	1,098
Luther college, Decorah, Iowa (1861)	Rev. C. K. Preus	15	169
Macalester college, St. Paul, Minn. (1884)	T. Morey Hodgman, M. A., LL. D.	26	310
Manhattan college, New York, N. Y. (1863)	Rev. Brother Jerome, F. S. C.	32	380
Marietta college,* Marietta, O. (1835)	Alfred T. Perry, A. M., D. D.	20	148
Marquette university, Milwaukee, Wis. (1864)	Rev. James McCabe, S. J.	161	1,108
Maryville college, Maryville, Tenn. (1819)	Samuel T. Wilson, D. D.	37	609
Massachusetts Agr. col.,* Amherst, Mass. (1863)	Kenyon L. Butterfield	42	610
Mass. Inst. of Technology,* Boston, Mass. (1861)	R. C. Maclaurin, A. M., LL. D., D. Sc.	241	1,479
Miami university, Oxford, O. (1809)	G. P. Benton, LL. D.	72	1,076
Michigan Agr. college, Lansing, Mich. (1857)	J. L. Snyder, M. A., Ph. D.	100	1,370
Michigan Coll. of Mines,* Houghton, Mich. (1884)	F. W. McNair, B. S., D. Sc.	32	263
Middlebury college,* Middlebury, Vt. (1800)	John M. Thomas, D. D.	19	256
Midland college, Atchison, Kas. (1887)	Rev. M. F. Troxell, D. D.	15	185
Milligan col., Milligan College, Tenn. (1882)	F. D. Kershner, M. A.	14	270
Mills college,* Oakland, Cal. (1885)	Miss L. C. Carson, Litt. D.	36	150
Milton college, Milton, Wis. (1867)	Rev. W. C. Daland, D. D.	13	147
Milwaukee-Downer college, Milwaukee, Wis.	Ellen C. Sabin, M. A.	40	425
Miss. A. & M. college, Agricultural College, Miss.	J. C. Hardy, A. M., LL. D.	59	933
Mississippi college, Clinton, Miss. (1826)	W. T. Lowry, D. D., LL. D.	13	377
Missouri Valley college, Marshall, Mo. (1889)	W. H. Black, D. D., LL. D.	16	279
Monmouth college, Monmouth, Ill. (1857)	T. H. McMichael, D. D.	25	435
Moores Hill college, Moores Hill, Ind. (1807)	Henry A. King, D. D.	18	260
Morningside college, Sioux City, Iowa (1894)	Luther Freeman	36	635
Morris Brown college, Atlanta, Ga. (1885)	Rev. E. W. Lee, D. D.	30	850
Mount Angel college, Mount Angel, Ore. (1887)	Rev. Bernard Murphy, O. S. B.	25	150
Mount Holyoke coll.,* South Hadley, Mass. (1837)	Miss M. E. Wooley, M.A., Litt. D., L.H.D.	123	761
Mount St. Mary's coll., Emmitsburg, Md. (1808)	D. J. Flynn, A. M., LL. D.	40	352
Mount Union college, Alliance, O. (1858)	W. H. McMaster, A. M.	32	512
Muhlenburg college, Allentown, Pa. (1867)	John A. W. Haas, D. D.	14	132
Muskingum college, New Concord, O. (1837)	J. K. Montgomery, D. D.	38	475
McCormick Theo. seminary, Chicago, Ill. (1829)	James G. K. McClure, D. D., LL. D.	13	141
McKendree college, Lebanon, Ill. (1828)	John F. Harmon, M. A.	12	235
McMinnville college, McMinnville, Ore. (1857)	Leonard W. Riley, D. D.	17	216
Neb. Wesleyan univ., Univ. Place, Neb. (1888)	William J. Davidson, B. Sc., S. T. B.	45	700
New Orleans univ., New Orleans, La. (1873)	John Weir, M. A., D. D.	54	724
New Rochelle coll., New Rochelle, N. Y.	M. C. O'Farrell, D. D.	38	160
Newton Theo. Inst., Newton Center, Mass. (1825)	George E. Horr, D. D.	9	81
New York univ.,* New York, N. Y. (1830)	H. M. McCracken, LL. D., chancellor	261	4,036
Niagara university, Niagara, N. Y. (1856)	Very Rev. Edward J. Walsh, C. M.	31	306
Norwich university, Northfield, Vt. (1819)	Charles H. Spooner, A. M., LL. D.	16	172
N.C. Col. of Ag. & Me. Arts,* W.Raleigh,N.C. (1889)	D. H. Hill, A. M., Litt. D.	50	570
Northwestern college, Naperville, Ill. (1861)	Thomas Bowman, D. D.	24	402
Northwestern Mil. acad., Highland Park, Ill.	Col. H. P. Davidson, A. M.	13	127
Northwestern univ., Evanston, Ill. (1865)	Abram W. Harris, LL. D.	416	4,792
Oberlin college,* Oberlin, O. (1833)	Henry C. King, D. D., LL. D.	125	1,992
Occidental college, Los Angeles, Cal. (1887)	John Willis Baer, LL. D.	30	400
Ohio Northern university, Ada, O. (1871)	Albert E. Smith, D. D., Ph. D.	34	2,112
Ohio State university,* Columbus, O. (1870)	William O. Thompson, D. D., LL. D.	224	3,275
Ohio university,* Athens, O. (1804)	Alston Ellis, Ph. D., LL. D.	67	1,597
Ohio Wesleyan university,* Delaware, O. (1842)	Herbert Welch, D. D.	54	1,342
Olivet college,* Olivet, Mich. (1859)	E. G. Lancaster, A. M.	25	300
Oregon Agr. college,* Corvallis, Ore. (1885)	William J. Kerr, Sc. D.	105	1,593
Ottawa university, Ottawa, Kas. (1865)	Silas Eber Price, D. D.	21	393
Otterbein university, Westerville, O. (1847)	W. G. Clippinger, A. M.	32	441
Quachita college, Arkadelphia, Ark. (1886)	Henry S. Hartzog, LL. D.	30	373
Pacific university, Forest Grove, Ore. (1849)	William M. Ferrin, LL. D.	21	222
Park college,* Parkville, Mo. (1875)	Lowell M. McAfee, LL. D.	24	378
Parker college, Winnebago, Minn. (1889)	E. W. Van Aken, A. M.	10	123
Parsons college, Fairfield, Iowa (1875)	Willis E. Parsons, D. D.	20	276
Peabody college, Nashville, Tenn.	C. E. Little, Ph. D., chairman	27	350
Penn college, Oskaloosa, Iowa (1873)	David M. Edwards, Ph. D.	25	406
Pennsylvania college, Gettysburg, Pa. (1832)	W. A. Granville, Ph. D.	40	286
Pennsylvania Col. for Women,* Pittsburg, Pa. (1869)	H. D. Lindsey, D. D.	17	107
Pennsylvania Military col.,* Chester, Pa. (1858)	Col. C. E. Hyatt, C. E.	15	126
Philander Smith coll., Little Rock, Ark. (1887)	Rev. James M. Cox	23	528
Polytechnic institute,* Brooklyn, N. Y. (1854)	Fred W. Atkinson, Ph. D.	41	532
Pomona college,* Claremont, Cal. (1887)	James A. Blaisdell, D. D.	38	610
Pratt institute,* Brooklyn, N. Y. (1887)	Charles M. Pratt, A. M.	193	3,773
Presbyterian college, Clinton, S. C. (1905)	Almon E. Spencer (acting)	8	79
Princeton Theo. sem., Princeton, N. J. (1812)	Francis L. Patten, D. D., LL. D.	16	151
Princeton university,* Princeton, N. J. (1746)	John A. Stewart (pro tem.)	167	1,400
Pritchett college,* Glasgow, Mo. (1868)	U. S. Hall, A. B.	10	127
Proseminar college, Elmhurst, Ill. (1871)	Rev. D. Irion, D. D.	8	137
Purdue university,* Lafayette, Ind. (1874)	W. E. Stone, Ph. D., LL. D.	146	1,882
Radcliffe college,* Cambridge, Mass. (1879)	LeBaron R. Briggs, A. M., LL. D.	98	470
Randolph-Macon college, Ashland, Va. (1830)	Robert E. Blackwell, A. M., LL. D.	14	143
Rand.-Macon Woman's coll., Lynchburg, Va. (1893)	William W. Smith, A. M., LL. D.	42	491
Rensselaer Poly. institute,* Troy, N. Y. (1824)	Palmer C. Ricketts, C. E.	55	672
Richmond college, Richmond, Va. (1832)	F. W. Boatwright, M. A., LL. D.	22	342
Rio Grande college, Rio Grande, O. (1876)	John M. Davis, D. D., Ph. D.	9	175
Ripon college,* Ripon, Wis. (1850)	F. M. Erickson, Ph. D. (acting)	25	258
Roanoke college, Salem, Va. (1853)	J. A. Morehead, D. D.	20	180
Rochester Ath. & Mech. inst., Roch., N. Y. (1885)	L. P. Ross	60	2,790
Rochester Theo. sem., Rochester, N. Y. (1850)	A. H. Strong, D. D., LL. D.	12	167
Rockford college,* Rockford, Ill. (1847)	Julia H. Gulliver, Ph. D.	28	198

School and location.	President.	Instructors.	Students.
Rock Hill college, Ellicott City, Md. (1857)	Rev. Brother Maurice, F. S. C.	15	154
Rose Poly. institute,* Terre Haute, Ind. (1883)	Leo C. Mees, Ph. D.	21	200
Rutgers college, New Brunswick, N. J. (1766)	W. H. S. Demarest, D. D.	55	415
St. Anselm's college, Manchester, N. H. (1889)	Hilary Pfrangle, D. D., O. S. B.	15	135
St. Bede college, Peru, Ill. (1891)	Rt.-Rev. Leander Schnerr	14	120
St. Benedict's college, Atchison, Kas. (1858)	Rt.-Rev. Innocent Wolf, O. S. B.	25	303
St. Charles college, Ellicott City, Md. (1848)	Rev. F. X. McKenney, A. M.	17	210
St. John's college, Annapolis, Md. (1784)	Thomas Fell, LL. D.	14	190
St. John's college, Washington, D. C. (1866)	Brother Germanus, F. S. C.	12	137
St. John's Military academy, Delafield, Wis.	Sidney T. Smythe, Ph. D.	14	225
St. John's university, Collegeville, Minn. (1857)	Rt.-Rev. Peter Engel, O. S. B., Ph. D.	38	347
St. Lawrence university, Canton, N. Y. (1858)	Almow Gunnison, LL. D.	27	550
St. Louis university, St. Louis, Mo. (1818)	Rev. John P. Frieden, S. J.	218	1,181
St. Mary's college, St. Mary's Kas. (1848)	A. A. Breen, S. J.	50	460
St. Mary's college, St. Mary's, Ky. (1821)	Rev. M. Jaglowicz, C. R.	12	130
St. Olaf college, Northfield, Minn. (1874)	John N. Kildahl, D. D.	30	455
St. Stephen's college, Annandale, N. Y. (1860)	Rev. W. C. Rodgers, D. D.	10	56
St. Thomas' college, Villanova, Pa.	Laurence A. Delury, D. D., O. S. A.	31	363
St. Vincent's college, Los Angeles, Cal. (1865)	Joseph S. Glass, C. M., D. D.	20	362
Scotia seminary, Concord, N. C. (1870)	A. W. Verner, D. D.	19	190
Seton Hall college, South Orange, N. J. (1856)	James F. Mooney, D. D.	17	162
Shaw university, Raleigh, N. C. (1865)	Charles F. Meserve, LL. D.	35	525
Shorter college, Rome, Ga. (1877)	A. W. Van Hoose, A. M., LL. D.	25	250
Shurtleff college, Upper Alton, Ill. (1827)	D. G. Ray and H. C. Tilton, regents	12	135
Simmons college,* Boston, Mass. (1899)	Henry Lefavour, Ph. D., LL. D.	74	668
Simpson college, Indianola, Iowa (1860)	F. L. Strickland, Ph. D., D. D.	41	887
Sioux Falls college, Sioux Falls, S. D.	Edward F. Gordan, D. D.	13	150
Smith college,* Northampton, Mass. (1872)	L. Clarke Seelye, D. D., LL. D.	122	1,635
Southern Baptist Th. sem., Louisville, Ky. (1859)	Edgar Y. Mullins, D. D., LL. D.	9	305
Southern university, Greensboro, Ala. (1856)	S. M. Hosmer, D. D.	12	139
Southwestern college, Winfield, Kas. (1885)	Frank E. Mossman, A. M.	15	505
Southwestern Pres. univ., Clarksville, Tenn. (1875)	William Dinwiddie, chancellor	12	124
Spelman seminary, Atlanta, Ga.	Miss Lucy Hale Tapley	49	653
Springhill college, Mobile, Ala. (1830)	Rev. F. X. Twellmeyer, S. J.	24	184
State Coll. of Washington,* Pullman, Wash. (1892)	E. A. Bryan, LL. D.	95	1,282
State Nor. and industrial coll.,* Greensboro, N. C.	J. I. Foust	64	613
State Univ. of Iowa,* Iowa City, Iowa (1847)	George E. McLean, Ph. D., LL. D.	194	2,352
State Univ. of Kentucky, Lexington, Ky. (1865)	Henry S. Barker, LL. D.	76	721
State university, Louisville, Ky.	William T. Amiger, A. M., D. D.	14	215
State Univ. of N. Dak.,* Grand Forks, N. D. (1883)	Frank Le R. McVey, Ph. D., LL. D.	80	989
Stevens Institute of Technology,* Hoboken, N. J.	A. C. Humphreys, M. E., Sc. D., LL. D.	46	399
Susquehanna university, Selinsgrove, Pa. (1869)	Charles T. Aikens, D. D.	22	315
Swarthmore college, Swarthmore, Pa. (1869)	Joseph Swain, B. L., M. S., LL. D.	44	359
Syracuse university,* Syracuse, N. Y. (1870)	James R. Day, LL. D., chancellor	245	3,244
Tabor college, Tabor, Iowa (1866)	F. W. Long, A. M., D. D., S. T. D.	15	227
Talladega college,* Talladega, Ala. (1867)	J. M. P. Metcalf, M. A.	33	740
Tarkio college, Tarkio, Mo. (1883)	Joseph A Thompson, D. D.	27	332
Taylor university, Upland, Ind. (1848)	Monroe Vayhinger, D. D.	18	163
Teachers' college,* New York, N. Y. (1888)	James E. Russell, LL. D. (dean)	150	3,340
Temple university,* Philadelphia, Pa. (1884)	Russell H. Conwell, D. D., LL. D.	225	3,485
Texas Christian university, Waco, Tex. (1873)	Clinton Lockhart, A. M., Ph. D.	30	340
The George Wash. univ.,* Wash., D. C. (1821)	Charles W. Needham, LL. D.	215	1,527
The Pennsyl. State coll.,* State College, Pa. (1855)	Edwin Erle Sparks, M. A., Ph. D.	137	1,076
Throop Poly. institute,* Pasadena, Cal. (1891)	James A. B. Sherer, Ph. D., LL. D.	12	303
Transylvania univ., Lexington, Ky. (1798)	R. H. Crossfield, Ph. D.	56	560
Trinity college, Durham, N. C. (1838)	William P. Few, A. B., A. M., Ph. D.	32	383
Trinity college,* Hartford, Conn. (1823)	Flavel S. Luther, LL. D.	22	226
Trinity university, Waxahachie, Tex. (1869)	S. L. Hornbeak, LL. D.	17	280
Tufts college, Medford, Mass. (1852)	Frederick W. Hamilton, D. D., LL. D.	254	1,128
Tulane university,* New Orleans, La. (1834)	Edwin B. Craighead, LL. D.	216	2,476
Tuskegee institute,* Tuskegee, Ala. (1881)	Booker T. Washington, A. M., LL. D.	172	1,698
Union Christian college, Merom, Ind. (1860)	O. B. Whitaker, A. M., D. D.	14	197
Union college, Barbourville, Ky.	James D. Black	9	140
Union college, College View, Neb. (1891)	Frederick Griggs	25	476
Union college,* Schnectady, N. Y. (1795)	Charles A. Richmond, D. D.	29	344
Union Theo. sem., New York, N. Y. (1836)	Francis Brown, Ph. D., D. D., LL. D.	22	164
Union university, Jackson, Tenn. (1848)	J. B. Tigrett, A. M.	16	276
U. S. Military acad.,* West Point, N. Y. (1802)	Col. Hugh L. Scott (superintendent)	92	530
U. S. Naval academy,* Annapolis, Md. (1845)	Capt. J. M. Bowyer, U. S. N.	100	774
University of Alabama,* Tucaloosa (1831)	John W. Abercrombie, LL. D.	48	850
University of Arizona,* Tucson (1891)	Kendrick C. Babcock, Ph. D.	41	200
University of Arkansas,* Fayetteville (1871)	John N. Tillman, LL. D.	130	1,250
University of California,* Berkeley (1860)	Benjamin Ide Wheeler, LL. D.	309	3,858
University of Chicago,* Chicago, Ill. (1892)	Harry Pratt Judson, LL. D.	280	6,007
University of Cincinnati,* Cincinnati, O. (1870)	Charles M. Dabney, Ph. D., LL. D.	172	1,442
University of Colorado,* Boulder (1877)	James H. Baker, M. A., LL. D.	140	1,108
Univ. of Denver, Univ. Park, Col. (1864)	Henry A. Buchtel, LL. D.	156	1,324
University of Florida, Gainesville (1905)	A. H. Murphree, LL. D.	20	134
University of Georgia,* Athens (1785)	David C. Barrow (chancellor)	44	531
University of Idaho,* Moscow (1892)	James A. MacLean, Ph. D., LL. D.	52	533
University of Illinois,* Urbana (1867)	Edmund J. James, Ph. D., LL. D.	551	5,075
University of Kansas,* Lawrence (1866)	Frank Strong, Ph. D. (chancellor)	139	2,303
University of Maine,* Orono (1865)	George E. Fellows, Ph. D.	104	850
University of Michigan,* Ann Arbor (1837)	H. B. Hutchinson (acting)	497	5,383
University of Minnesota,* Minneapolis (1868)	Cyrus Northrup, LL. D.	377	5,004
University of Mississippi,* Oxford (1848)	A. A. Kincannon, LL. D.	46	490
University of Missouri,* Columbia (1839)	Albert Ross Hill, LL. D.	240	2,900
University of Montana,* Missoula (1895)	C. A. Duniway, Ph. D.	23	204

School and location.	President.	Instructors.	Students.
University of Nashville, Nashville, Tenn. (1826)	E. F. Turner (registrar)	51	215
University of Nebraska,* Lincoln (1869)	Samuel Avery (chancellor)	250	3,992
University of Nevada, Reno, Nev. (1886)	Joseph E. Stubbs, D. D., LL. D.	35	220
University of New Mexico, Albuquerque (1892)	E. D. McQueen, M. A., Ph. D.	15	130
University of Notre Dame, Notre Dame, Ind. (1849)	John Cavanaugh, C. S. C., D. D.	92	1,020
University of North Carolina,* Chapel Hill (1789)	Francis P. Venable, Ph. D., LL. D.	95	821
University of N. Dakota, Grand Forks (1883)	Frank L. McVey	79	917
University of Oklahoma,* Norman (1892)	A. Grant Evans, D. D.	58	692
University of Oregon,* Eugene (1878)	Prince L. Campbell, B. A.	120	1,031
University of Pacific, San Jose, Cal. (1851)	William W. Guth, Ph. D.	36	360
University of Pennsylvania, Philadelphia (1740)	Charles C. Harrison, LL. D. (provost)	494	5,033
University of Pittsburg, Pittsburg, Pa. (1787)	S. B. McCormick, LL. D. (chancellor)	187	1,260
University of Rochester, Rochester, N. Y. (1850)	Rush Rhees, D. D., LL. D.	29	405
University of S. California, Los Angeles (1879)	George F. Bovard, A. M., D. D.	179	1,608
University of South Carolina,* Columbia (1805)	S. C. Mitchell, Ph. D.	25	339
University of South Dakota* Vermilion (1882)	Franklin P. Gault, Ph. D.	50	445
University of the South, Sewanee, Tenn. (1868)	W. B. Hall, M. A., D. D. (v.-chancellor)	28	291
University of Tennessee,* Knoxville (1794)	Brown Ayres, Ph. D., LL. D.	157	944
University of Texas,* Austin, Tex. (1883)	Sidney E. Mezes, Ph. D.	111	2,572
University of Utah,* Salt Lake City (1850)	J. T. Kingsbury, Ph. D.	75	1,714
University of Vermont,* Burlington (1791)	M. H. Buckham, LL. D.	85	498
University of Virginia,* Charlottesville (1819)	Edwin A. Alderman, D. C. L., LL. D.	75	803
University of Washington,* Seattle (1862)	Thomas F. Kane, Ph. D.	102	2,156
University of Wisconsin,* Madison (1848)	Charles R. Van Hise, Ph. D.	459	4,947
University of Wooster, Wooster, O. (1868)	Louis E. Holden, D. D., LL. D.	30	1,547
University of Wyoming,* Laramie (1886)	Charles O. Merica, LL. D.	40	300
Upper Iowa university, Fayette, Iowa (1858)	William A. Shanklin, D. D., LL. D.	18	455
Upsala college, Kenilworth, N. J. (1893)	Lars H. Beck, Ph. D.	11	96
Urbana university, Urbana, O. (1850)	P. H. Seymour (acting)	8	45
Ursinus college, Collegeville, Pa. (1869)	A. Edwin Keigwin, D. D.	20	246
Utah Agricultural college,* Logan, Utah (1890)	John A. Widtsoe, A. M., Ph. D.	70	1,044
Valparaiso univ., Valparaiso, Ind. (1873)	Henry B. Brown, A. M.	191	5,523
Vanderbilt university, Nashville, Tenn. (1873)	J. Kirkland, LL. D.	125	1,077
Vassar college,* Poughkeepsie, N. Y. (1861)	James M. Taylor, D. D., LL. D.	101	1,040
Vincennes university,* Vincennes, Ind. (1806)	Horace Ellis, A. M., Ph. D.	15	323
Virginia Christian college, Lynchburg, Va. (1903)	Josephus Hopwood, A. M.	15	197
Virginia Military institute,* Lexington, Va. (1839)	Gen. E. W. Nichols (superintendent)	20	360
Wabash college,* Crawfordsville, Ind. (1832)	George L. Mackintosh, D. D.	23	349
Wake Forest college, Wake Forest, N. C. (1834)	William L. Poteat, LL. D.	32	380
Walden university, Nashville, Tenn. (1866)	John A. Kumler, D. D.	68	797
Washburn college, Topeka, Kas. (1865)	Frank K. Sanders, D. D., Ph. D.	112	811
Wash. and Jefferson coll.,* Washington, Pa. (1802)	James D. Moffat, D. D., LL. D.	28	408
Wash. and Lee univ.,* Lexington, Va. (1749)	George H. Denny, Ph. D., LL. D.	40	600
Wash. and Tusculum coll., Tusculum, Tenn. (1794)	C. O. Gray, D. D.	21	252
Washington college, Chestertown, Md. (1782)	James W. Cain, LL. D.	10	158
Washington university, St. Louis, Mo. (1853)	David F. Houston, A.M., LL.D. (chancellor)	138	1,045
Waynesburg college,* Waynesburg, Pa. (1850)	William M. Hudson, Ph. D.	12	200
Wellesley college,* Wellesley, Mass. (1875)	Caroline Hazard, M. A., Litt. D.	103	1,319
Wells college,* Aurora, N. Y. (1868)	George M. Ward, D. D., LL. D.	30	173
Wesleyan university, Middletown, Conn. (1831)	William A. Shanklin, D. D., LL. D.	33	340
Western College for Women,* Oxford, O. (1854)	John Grant Newman, D. D.	28	228
Western Reserve univ.,* Cleveland, O. (1826)	Charles F. Thwing, D. D., LL. D.	228	1,065
Western Theological sem., Pittsburg, Pa. (1825)	James A. Kelso, Ph. D., D. D.	10	89
Westfield college, Westfield, Ill. (1865)	B. F. Daugherty, A. M.	9	140
West Lafayette coll., West Lafayette, O. (1900)	Rev. Charles H. Beck, D. D.	10	86
Westminster college, Fulton, Mo. (1849)	David R. Kerr, D. D.	11	130
Westminster college, New Wilmington, Pa. (1852)	Robert McW. Russell, D. D., LL. D.	24	274
West Virginia university, Morgantown (1867)	D. B. Purinton, Ph. D., LL. D.	76	1,422
Wheaton college, Wheaton, Ill. (1860)	Charles A. Blanchard, D. D.	24	271
Whitman college,* Walla Walla, Wash. (1882)	S. B. L. Penrose, D. D.	41	450
Whitworth college, Tacoma Wash. (1883)	(Vacancy)	22	191
Wilberforce university, Wilberforce, O. (1856)	William S. Scarborough, Ph. D., LL. D.	32	320
Wiley university, Marshall, Tex. (1873)	M. W. Dogan, Ph. D.	28	620
Willamette university, Salem, Ore. (1844)	Fletcher Homan, D. D.	45	375
William and Mary coll.,* Williamsburg, Va. (1693)	L. G. Tyler, M. A., LL. D.	20	241
William Jewell college, Liberty, Mo. (1849)	John P. Greene, D. D., LL. D.	45	528
Williams college,* Williamstown, Mass. (1793)	Harry A. Garfield, LL. D.	59	529
Wilson college, Chambersburg, Pa. (1870)	M. H. Reaser, Ph. D.	35	365
Wittenberg college, Springfield, O. (1845)	Charles G. Heckert, D. D.	55	703
Wofford college, Spartanburg, S. C. (1854)	Henry N. Snyder, M. A.	19	384
Worcester Poly. Inst.,* Worcester, Mass. (1865)	E. A. Engler, Ph. D., LL. D.	50	515
Xenia Theological seminary, Xenia, O.	William G. Moorhead, D. D.	6	32
Yale university,* New Haven, Conn. (1701)	Arthur Twining Hadley, LL. D.	404	3,312
Yankton college, Yankton, S. D. (1881)	Henry K. Warren, M. A., LL. D.	22	371

NOTE—The statistics in nearly all cases are for the school year 1908-1909.

GERMAN UNIVERSITIES.

The total number of students in the universities of Germany in July, 1910, was 54,845, of whom 2,169 were women. The students were distributed as follows:

University.	Students.	University.	Students.	University.	Students.
Berlin	7,902	Heidelberg	2,413	Kiel	1,760
Munich	6,890	Gottingen	2,353	Wurzburg	1,429
Leipzig	4,592	Marburg	2,192	Konigsberg	1,381
Bonn	4,070	Tubingen	2,061	Giessen	1,334
Freiburg	2,844	Munster	2,007	Erlangen	1,050
Halle	2,451	Strassburg	1,964	Griefswald	1,029
Breslau	2,432	Jena	1,817	Rostock	824

FORESTS AND FORESTRY.

By Herbert A. Smith of the United States Forest Service.

Our forests now cover 550,000,000 acres, or about one-fourth of the United States. Forests publicly owned contain one-fifth of all timber standing. Forests privately owned contain at least four-fifths of the standing timber. The timber privately owned is not only four times that publicly owned, but it is generally more valuable. Forestry is now practiced on 70 per cent of the forests publicly owned and on less than 1 per cent of the forests privately owned, or on only 18 per cent of the total area of forests.

The original forests of the United States contained timber in quantity and variety far beyond that upon any other area of similar size in the world. They covered 850,000,000 acres, with a stand of not less than 5,200,000,000,000 board feet of merchantable timber, according to present standards of use. There were five great forests regions—the northern, the southern, the central, the Rocky mountain and the Pacific.

The present rate of cutting is three times the annual growth of the forests of the United States. The great pineries of the lake states are nearing exhaustion, and great inroads have been made upon the supply of valuable timber throughout all parts of the country. The heavy demands for timber have been rapidly pushing the great centers of lumber industry toward the south and west. In consequence, the state of Washington has led for several years in lumber production, followed in order by Louisiana, Texas, Mississippi, Wisconsin and Arkansas. In 1909 the production of yellow pine lumber amounted to sixteen and one-quarter billion feet; the Douglas fir of the northwest held second place with four and three-fourths billion feet, while white pine came third with four and one-half billion feet. We take from our forests yearly, including waste in logging and in manufacture, 20,000,000,000 cubic feet of wood.

We use in a normal year 90,000,000 cords of firewood, 40,000,000,000 board feet of lumber, 118,000,000 hewn ties, 1,500,000,000 staves, over 133,000,000 sets of heading, nearly 500,000,000 barrel hoops, 3,000,000 cords of native pulp wood, 165,000,000 cubic feet of round mine timbers and 1,250,000 cords of wood for distillation.

In 1909, 4,002,000 cords of wood were used in the manufacture of paper, of which 794,000 cords were imported from Canada. The demand for pulp wood is making a severe drain on the spruce forests which furnish the principal supply. The forest service of the United States department of agriculture is conducting investigations to determine what other woods, such as scrub pine, white fir, tupelo and the like, can be successfully used.

A larger drain upon our forest resources is made by the demand for railroad ties, of which 123,754,000, equivalent to three and three-quarters billion board feet, were used in 1909. White oak, hitherto the chief source of supply, is not plentiful enough to meet this demand indefinitely, and in many parts of the country the supply of chestnut, cedar and cypress is dwindling; however, seasoning and treating methods are being found, largely through the work of the forest service, by which cheaper and more plentiful woods, such as lodgepole pine in the northwest and loblolly pine in the south, are made fit for use as ties. Timber to the amount of two and one-half billion feet was used in 1907 for mine timbers. A great saving has been effected in the naval stores industry, also largely through the work of the forest service, by the introduction of the so-called "cup" systems of turpentining in place of the old destructive system of "boxing." The new systems insure a larger product of better quality, and prolong the life of the longleaf pine forests upon which the industry depends.

UNITED STATES FOREST SERVICE.

The forest service is one of the bureaus of the department of agriculture. It has charge of the administration and protection of the national forests, and also promotes the practice of forestry generally through investigations and the diffusion of information.

The work of the government in forestry was initiated by the appointment of Dr. Franklin Hough in 1876 as special agent in the department of agriculture. In 1881 a division of forestry was created in that department. In 1901 this division became the bureau of forestry, and in 1905, when the care of the national forests was given to this bureau, its name became the forest service.

Previously the care of the national forests had been in the hands of the department of the interior. A law authorizing the president to set apart forest reserves was passed in 1891, but no provision for their administration and use was made until 1897. Previous to 1905 the bureau of forestry merely gave expert advice, on request, to the department of the interior concerning the application of forestry to the forest reserves. The change of name from "forest reserves" to "national forests" was made in 1906, to correct the impression that the forests were, as "reserves," withdrawn from use. Since the forest service took charge of them the fundamental aim has been to open them to the widest use consistent with their proper protection.

The reserves were set aside as follows: By President Harrison, 13,416,710 acres; by President Cleveland, 25,686,320 acres; by President McKinley, 7,050,089 acres; by President Roosevelt, 148,346,924 acres.

During the fiscal year ending June 30, 1910, President Taft added to the national forests 453,517 acres, and eliminated from them 2,037,645 acres, making their area at the close of the year 192,931,197 acres. The eliminations threw out land which was found to be better suited for agricultural and other purposes than for forestry. An act of congress, passed in 1907, prohibits any additions by the president to the national forest area in Washington, Oregon, Idaho, Montana, Wyoming and Colorado.

The following tables show the national forest expenditures and receipts for the fiscal year 1910, compared with those for the fiscal year 1909:

Expenditures for—	Administration and protection. Total.	Per acre.	Permanent improvements. Total.	Per acre.
1910.....	$3,752,316.91	$0.01945	$598,835.64	$0.00310
1909.....	2,948,153.08	0.01510	599,471.02	0.00309

Fiscal year.	Grazing. Total.	Per acre.	Timber. Total.	Per acre.
1910.....	$986,909.38	$0.00512	$1,043,428.20	$0.00541
1909.....	1,032,185.70	0.00573	736,102.08	0.00505

Fiscal year.	Special uses. Total.	Per acre.	All sources. Total.	Per acre.
1910.....	$59,810.50	$0.00031	$2,090,148.08	$0.01084
1909.....	38,982.88	0.00018	1,807,270.66	0.01096

Under the law 25 per cent of the gross receipts are paid to the states in which the national forests are located, to be expended for roads and schools. The amount to be paid to the states in this way from the receipts in 1910 is $506,194.84.

The grazing receipts for 1910 were paid by the holders of 20,692 permits to graze 1,497,570 cattle, horses and hogs, and of 4,995 permits to graze 7,648,952 sheep and oats. The receipts from timber sales were paid by 5,398 purchasers, who cut the equivalent of 379,616,000 board feet of timber. The receipts from special uses were paid by the holders of 4,538 permits, including fifty-two for the use of land in connection with water-power development. In other words, these receipts represent profitable use of the forests by some 30,000 individuals or concerns. To the use for which payment was made must be added the heavy free use of the forests by the public. Figures for free use of timber are as follows:

	Number of permittees.	Cut (board feet).	Value.
1910.....	35,364	104,796,000	$176,166.51
1909.....	33,431	105,205,359	169,081.12

In issuing permits for reservoirs, conduits, power houses and transmission lines for commercial power development, the forest service has steadfastly

insisted on conditions designed to prevent speculative or perpetual holdings and to secure the full development of available power and the payment of reasonable charges for the use of land.

The total stand of timber on the national forests, exclusive of Alaska, is estimated at over five hundred billion board feet.

The following table shows the total cut of timber from the national forests in the fiscal year 1910:

State or territory.	Cut under sale (ft.).	Cut under free use (ft.)	Total cut (ft.).
Arizona	24,976,000	5,254,000	40,230,000
Arkansas	2,048,000	513,000	2,561,000
California	54,616,000	7,647,000	62,263,000
Colorado	42,897,000	12,550,000	55,447,000
Florida	.....	95,000	95,000
Idaho	52,520,000	19,937,000	72,457,000
Minnesota	1,103,000	381,000	1,484,000
Montana	72,885,000	14,713,000	87,598,000
Nevada	3,048,000	1,710,000	4,758,000
New Mexico	15,902,000	10,004,000	25,906,000
North Dakota	.....	21,000	21,000
Oklahoma	33,000	123,000	156,000
Oregon	21,211,000	10,068,000	31,279,000
South Dakota	13,500,000	3,476,000	16,976,000
Utah	9,270,000	8,260,000	17,530,000
Washington	27,658,000	2,444,000	30,102,000
Wyoming	16,937,000	7,416,000	24,353,000
Alaska	11,012,000	184,000	11,196,000
Total	379,616,000	104,796,000	484,412,000

The average price on the stump for the timber sold in 1910 was $2.44 per thousand board feet.

The following table shows the amounts and kinds of stock grazed on the national forests in 1910 by states:

State or territory.	Cattle, horses and hogs. Permits issued.	Cattle.	Horses.	Hogs.	Sheep and goats. Permits issued.	Sheep.	Goats.
Arizona	1,659	224,895	9,709	618	187	427,042	12,045
Arkansas	19	394	1	46	.....	.....	.....
California	2,577	162,433	8,587	1,667	301	382,715	15,309
Colorado	2,650	236,596	7,542	.....	353	594,847	3,460
Florida	33	827	.....	115	7	563	.....
Idaho	1,959	111,017	8,960	.....	829	1,811,147	.....
Kansas	84	10,448	161	.....	1	420	.....
Montana	1,903	133,597	14,156	.....	252	576,971	915
Nebraska	80	38,714	1,231	.....	.....	.....	.....
Nevada	371	52,121	5,373	.....	79	441,592	900
New Mexico	2,012	110,031	6,658	351	673	504,112	56,249
North Dakota	6	305	10	.....	.....	.....	.....
Oklahoma	31	4,741	208	.....	.....	.....	.....
Oregon	1,423	114,084	9,570	348	594	959,920	222
South Dakota	519	11,956	1,158	.....	.....	.....	.....
Utah	4,455	115,333	7,310	.....	1,323	895,395	900
Washington	260	9,352	856	.....	100	165,079	.....
Wyoming	651	73,026	3,062	.....	296	798,847	300
Total	20,692	1,409,873	84,552	3,145	4,995	7,558,650	90,300

The value of the public property administered by the forest service is estimated at over $2,000,000,000.

The great areas contained in the national forests have now been brought to a condition where they are beginning to serve the purposes of the west. The conservation of timber and forage through wise use and the protection of stream flow are the means of sustaining many industries which have contributed materially to the prosperity of the country.

At the head of the forest service are Forester Henry S. Graves and Associate Forester A. F. Potter. The work is organized under the following branches: Operation, and also lands, James B. Adams, in charge; silviculture, W. T. Cox, in charge; grazing, A. F. Potter, in charge, and products, William L. Hall, in charge.

The 149 national forests are distributed in six districts, with a district forester in charge of each, and headquarters as follows: District 1 (Montana, northeastern Washington, northern Idaho, northwestern South Dakota, northern Michigan, northern Minnesota and southwestern North Dakota), Missoula, Mont., W. B. Greeley, district forester; district 2 (Colorado, Wyoming, the remainder of South Dakota, Nebraska and western Kansas), Denver, Col., Smith Riley, district forester; district 3 (most of Arizona, Arkansas, Florida, New Mexico and Oklahoma), Albuquerque, N. Mex., A. C. Ringland, district forester; district 4 (Utah, southern Idaho, western Wyoming, eastern and central Nevada and a small portion of northwestern Arizona), Ogden, Utah, E. A. Sherman, district forester; district 5 (California and southwestern Nevada), San Francisco, Cal., F. E. Olmsted, district forester, and district 6 (Washington, Oregon and Alaska), Portland, Ore., C. S. Chapman, district forester.

On July 1, 1910, the force employed by the forest service numbered 3,093. Of these 2,491 were employed upon the national forests and 602 were engaged in administrative, scientific and clerical work at the Washington and district headquarters. Of the employes on the national forests the force engaged principally in protective work numbered 1,859 men, as follows: Forest rangers, 243; assistant forest rangers, 1,050; forest guards, 558; game wardens, 2; hunters and trappers, 6. The protective force was therefore about one man for every 104,000 acres, or 163 square miles. (Prussia has one man for every 1,700 acres and Baden one for every 750.)

BRANCH OF SILVICULTURE.

The branch of silviculture directs the management of the national forests as regards both the systems of cutting mature timber and the work of forest planting, supervises their protection, cooperates with states in developing forest policies adapted to their requirements, co-operates with private forest owners who desire to practice forestry on their lands, and carries on silvicultural investigations of the important tree species of the United States. Its most important work is in connection with the management of the national forests, where the chief problem, after fire protection, is to replace the mature timber as it is sold and cut by young growth of valuable species. During the year ended June 30, 1910, 570,044,000 feet of timber was sold from the national forests at an average price of $2.44 per thousand feet; in addition, 104,796,000 feet, valued at $176,167, was disposed of to settlers who are entitled under the regulations to use wood for their requirements without charge.

In planting within the national forests, the primary object is to produce commercial timber, although in a number of cases planting has been done chiefly with the view of reforesting denuded watersheds, in order to control and regulate the flow of streams directly supplying cities and towns. During the year ended June 30, 1910, 7,400 acres in national forests were sown or planted to trees, chiefly Douglas fir, western yellow pine, Austrian pine and Engelmann spruce. There are forty-five government nurseries which supply the national forests. These have a present stock of about 20,000,000 plants and are capable of supplying 18,000,000 a year. In the east, forest planting has been done mainly in co-operation with states and private owners.

At the request of the states the forest service makes examinations of their forest conditions, makes silvicultural studies of practical importance, suggests remedial legislation for giving the states a wise forest policy, etc. The cost of such work is shared by the states and the service. The service co-operates with private owners by sending its experts to examine timber tracts and report on the proper methods for managing and protecting them. The cost of such an examination is borne by the owner. During 1910 examinations were made of timber tracts aggregating 323,000 acres.

BRANCH OF GRAZING.

The branch of grazing supervises the grazing of live stock upon the national forests, the principal lines of work being: The allotment of grazing privileges, the issuance of grazing permits, the division of the ranges between different classes of stock or their owners and the regulation of the stock grazed under permit upon the ranges, and the development of the forage-producing capacity of the national forests by the restoration of depleted areas through systematic control of the stock grazed upon them or by artificial means, through the eradication of noxious range-destroying rodents and through the institution of new methods of range control. By co-operation with federal and state authorities in the enforcement of quarantine regulations, the national forests have been practically freed from infectious or contagious diseases fatal to live stock, and by an active campaign against predaceous animals destructive to live stock the annual loss from this source within the national forests has been reduced by several hundred thousand dollars.

The number of stock grazed during the last season (1910), under permit and by settlers without permit, was approximately 1,500,000 head of cattle, horses and swine and 7,500,000 head of sheep and goats. The annual productive value of this number of stock is more than $20,000,000. The number of persons holding permits to graze live stock during the last year was in excess of 25,000.

BRANCH OF PRODUCTS.

The branch of products carries on studies, tests and demonstrations to further the more complete utilization of the products of the forest. A forest products laboratory is operated at the University of Wisconsin, where experiments are made to determine the properties of American woods, to ascertain cheap and effective treatments to prevent decay, to test the adaptability of untried woods for specific uses such as paper pulp, to develop uses for the material wasted in sawmill operations and to discover processes of obtaining valuable chemical by-products from the waste which cannot be otherwise utilized. An office of wood utilization is maintained at Chicago to promote the economic use of wood among the timber-consuming industries. Studies are made to find the kind, quantity and cost of timber consumed in different states and regions and also where the material comes from and what amount is lost through waste. The wood-consuming industries are aided in finding the most suitable raw material and in developing methods of utilizing their waste product. In the western states all products work centers in the district offices at Denver, San Francisco and Portland.

DENDROLOGICAL STUDIES.

An important part of the dendrological studies which are carried on by the service is the making of an accurate forest map of the distribution of tree species in the United States, to show the extent, composition and economic possibilities of our forest resources. Others of these studies concern the cedar forests of Texas and important but little known trees indigenous to the United States, the growth of which may profitably extend to new localities for economic purposes. Prominent among the latter are the desert pines of California. An investigation is being made of the present and probable future supply of western tanbark oak, as well as of other trees the barks of which are used to adulterate tanbark, and the tannin contents of the barks are being determined by the bureau of chemistry. Included also is a study of basket willows. Attention is given especially to the conditions under which high-grade basket rods may be produced. Approved basket willow cuttings are distributed free each spring to applicants interested in willow culture.

The dendrologist also gives technical information about trees, in response to inquiries, including the identification of the wood, seeds, foliage, etc., of native and exotic trees.

FOREST POLICY OF THE STATES.

New York has purchased and set aside 1,600,000 acres in the Adirondack and Catskill mountains as forest preserves, under the control of the forest, fish and game commission of the state. These lands and private lands in the preserve counties are protected from fire by an adequate system of wardens. Unfortunately, the constitution of the state prohibits the cutting of timber from state lands. In 1909 the commission distributed at cost to private owners 1,005,325 forest tree seedlings and the waste and open land on the preserve is being gradually planted to trees under the supervision of trained foresters.

Pennsylvania has purchased more than 920,000 acres of land for state forest reserves, and the forestry commission has the right to purchase additional forest lands at a price not to exceed $5 an acre. The reserves are situated chiefly on the mountains of the central part of the state and located with special reference to protecting the water supply of cities and towns. The state forest reserves are not only protected from fire, but are managed according to forestry principles, the mature timber being cut and sold. A school for training forest rangers for the reserves is maintained at Mont Alto. There is a well-organized forest fire protective system in the state. The state distributes forest trees for planting and gives advice in the management of forest lands to private owners.

Minnesota, Wisconsin and Michigan have well-organized state forest departments. They have large state forest reserves, exceeding 200,000 acres for each state, which are protected from fire and on which the open land is being planted and the mature timber cut and sold. Each of these states protects the forest land of private owners as well as that of the state forest reserves from fire and distributes tree seedlings for planting to land owners at cost. Ohio, New Hampshire and Vermont also distribute planting material to private owners and give them advice in regard to methods of forest management. The following states have forestry departments which seek to protect from fire by means of an organized warden system all or the greater portion of the forest lands of the state: Maine, New Hampshire, Vermont, Massachusetts, Connecticut, New Jersey, Maryland, Oregon and California, while Washington and Idaho provide for such protection through legal associations of land owners. Maine supports a very efficient forest fire service covering the unorganized townships in the northern part of the state. In the remaining townships the selectmen are ex officio wardens. Most of these states also have small state forests, that of New Jersey being 14,000 acres. Other states which have forest officers charged with forest interests are Rhode Island, Indiana, Kansas, Montana, North Carolina and West Virginia. South Carolina, Alabama and Louisiana have recently passed or have under consideration advanced forestry legislation. The recently adopted law of Louisiana is especially noteworthy in that it provides for a forest fire protective organization by means of a tax of ¾ of a cent on every 1,000 board feet of lumber sawed in the state.

LARGEST CITIES IN THE WORLD.

City.	Year.	Population.	City	Year.	Population.	City.	Year.	Population.
London (est.)	1909	7,429,740	Berlin (est.)	1908	2,097,709	Buenos Aires(est.)	1910	1,247,000
New York	1910	4,766,883	Vienna	1910	2,004,291	Osaka	1908	1,226,590
Paris	1906	2,763,393	St. Petersburg	1905	1,678,000	Constantinople(est)	1907	1,106,000
Tokyo	1908	2,186,079	Philadelphia	1910	1,549,008	Calcutta	1901	1,026,987
Chicago	1910	2,185,283	Moscow	1907	1,359,254	Rio de Janeiro(est.)	1910	1,000,000

NATIONAL FORESTS OF THE UNITED STATES.

[From reports of bureau of forestry.]

Forest.	Latest proclamation.	Acres.
ARIZONA.		
Apache	March 2, 1909	1,785,711
Chiricahua	July 2, 1908	287,520
Coconino	July 2, 1908	3,689,982
Coronado	July 2, 1908	966,368
Crook	Aug. 27, 1909	779,893
Dixie	Feb. 10, 1909	626,800
Garces	April 21, 1910	609,010
Kaibab	July 2, 1908	1,080,000
Prescott	Feb. 1, 1909	1,541,762
Sitgreaves	March 2, 1909	1,470,364
Tonto	Feb. 10, 1909	2,110,354
Zuni	March 2, 1909	266,981
Total		15,214,745
ARKANSAS.		
Arkansas	Feb. 27, 1909	1,663,300
Ozark	Feb. 25, 1909	1,526,481
Total		3,189,781
CALIFORNIA.		
Angeles	July 1, 1908	1,350,900
California	Feb. 25, 1909	1,114,904
Cleveland	Jan. 26, 1909	2,236,178
Crater	July 1, 1908	58,614
Inyo	July 2, 1908	1,458,444
Klamath	Feb. 13, 1909	2,094,467
Lassen	March 2, 1909	1,373,043
Modoc	Feb. 25, 1909	1,471,817
Mono	March 2, 1909	813,789
Monterey	July 2, 1908	514,477
Plumas	March 2, 1909	1,407,053
San Luis	July 1, 1908	355,990
Santa Barbara	July 1, 1908	2,027,180
Sequoia	March 2, 1909	3,079,942
Shasta	March 2, 1909	1,754,718
Sierra	July 2, 1908	1,935,680
Siskiyou	July 1, 1908	37,814
Stanislaus	July 2, 1908	1,117,625
Tahoe	March 2, 1909	1,931,042
Trinity	March 2, 1909	1,834,833
Total		27,968,510
COLORADO.		
Arapahoe	July 1, 1908	796,815
Battlement	May 6, 1910	742,440
Cochetopa	June 9, 1910	927,250
Gunnison	June 9, 1910	934,155
Hayden	July 1, 1908	84,000
Holy Cross	April 26, 1909	595,840
LaSal	March 16, 1909	29,502
Leadville	July 1, 1908	1,184,730
Medicine Bow	July 1, 1908	659,780
Montezuma	July 1, 1908	1,175,811
Pike	July 1, 1908	1,457,524
Rio Grande	July 1, 1908	1,262,158
Routt	July 1, 1908	1,049,686
San Isabel	May 27, 1910	635,992
San Juan	July 1, 1908	1,460,880
Sopris	April 26, 1909	655,360
Uncompahgre	June 10, 1910	875,754
White River	May 6, 1910	964,114
Total		15,491,791
FLORIDA.		
Choctawhatchee	Nov. 27, 1908	467,606
Ocala	Nov. 27, 1908	207,285
Total		674,891
IDAHO.		
Beaverhead	July 1, 1908	304,140
Boise	July 1, 1908	1,147,360
Cache	July 1, 1908	276,640
Caribou	May 6, 1910	699,828
Challis	July 1, 1908	1,161,040
Clearwater	July 1, 1908	2,687,860
Cœur d'Alene	May 6, 1910	1,537,236
Idaho	July 1, 1908	1,293,280
Kaniksu	July 1, 1908	544,220
Lemhi	July 1, 1908	955,408
Minidoka	May 6, 1910	547,052
Nezperce	July 1, 1908	1,946,340
Payette	July 1, 1908	844,240
Pend d'Oreille	May 6, 1910	911,764
Pocatello	May 16, 1910	265,822
Salmon	July 1, 1908	1,762,472
Sawtooth	July 1, 1908	1,211,920
Targhee	July 1, 1908	1,101,720
Weiser	July 1, 1908	764,829
Total		19,963,171
KANSAS.		
Kansas	May 15, 1908	302,387
MICHIGAN.		
Marquette	Feb. 10, 1909	30,603
Michigan	Feb. 11, 1909	132,770
Total		163,373
MINNESOTA.		
Minnesota	May 23, 1908	294,952
Superior	Feb. 13, 1909	909,734
Total		1,204,486
MONTANA.		
Absaroka	July 1, 1908	980,440
Beartooth	July 1, 1908	685,293
Beaverhead	July 1, 1908	1,506,680
Bitterroot	July 1, 1908	1,180,900
Blackfeet	July 1, 1908	1,041,340
Cabinet	July 1, 1908	1,020,960
Custer	July 2, 1908	590,720
Deerlodge	July 1, 1908	1,080,220
Flathead	July 1, 1908	2,092,785
Gallatin	July 1, 1908	907,160
Helena	July 1, 1908	930,180
Jefferson	July 2, 1908	1,255,320
Kootenai	July 1, 1908	1,661,260
Lewis and Clark	July 1, 1908	844,136
Lolo	Nov. 6, 1906	1,211,680
Madison	July 1, 1908	1,102,860
Missoula	July 1, 1908	1,237,509
Sioux	July 2, 1908	145,253
Total		19,474,624
NEBRASKA.		
Nebraska	July 2, 1908	556,072
NEVADA.		
Humboldt	Jan. 20, 1909	1,158,814
Inyo	July 2, 1908	62,573
Moapa	Jan. 21, 1909	390,580
Mono	March 2, 1909	535,337
Nevada	Feb. 10, 1909	1,222,312
Tahoe	March 2, 1909	61,085
Toiyabe	Feb. 20, 1909	1,678,714
Total		5,109,415
NEW MEXICO.		
Alamo	March 2, 1909	1,513,817
Carson	March 2, 1909	1,390,680
Chiricahua	July 2, 1908	178,977
Datil	June 7, 1910	2,957,801
Gila	May 9, 1910	1,803,893
Jemez	July 1, 1908	944,085
Lincoln	May 16, 1910	639,180
Manzano	April 16, 1908	587,110
Pecos	April 20, 1910	720,580
Zuni	March 2, 1909	404,000
Total		11,140,123
NORTH DAKOTA.		
Dakota	Nov. 24, 1908	13,940
OKLAHOMA.		
Wichita	May 29, 1906	60,800
OREGON.		
Cascade	July 1, 1908	1,767,370
Crater	July 1, 1908	1,061,220
Deschutes	May 20, 1910	1,488,055
Fremont	July 14, 1908	1,260,320
Malheur	May 21, 1910	1,162,915
Oregon	July 1, 1908	1,787,280
Siskiyou	July 1, 1908	1,264,579
Siuslaw	July 1, 1908	821,794
Umatilla	May 20, 1910	470,978
Umpqua	July 1, 1908	1,567,500
Wallowa	May 27, 1910	1,546,001
Wenaha	May 27, 1910	495,546
Whitman	May 21, 1910	1,227,264
Total		15,920,822

SOUTH DAKOTA.

Forest.	Latest proclamation.	Acres.
Black Hills	Feb. 15, 1909	1,190,040
Sioux	Feb. 15, 1909	104,400
Total		1,294,440

UTAH.

Ashley	July 1, 1908	947,490
Cache	July 1, 1908	257,200
Dixie	Feb. 10, 1909	475,865
Fillmore	July 1, 1908	578,459
Fishlake	July 2, 1908	537,233
LaSal	July 2, 1908	444,628
Manti	April 25, 1907	786,080
Minidoka	May 6, 1910	92,033
Nebo	July 1, 1908	343,920
Pocatello	May 16, 1910	10,720
Powell	July 2, 1908	726,159
Sevier	Jan. 17, 1906	710,920
Uinta	July 1, 1908	1,250,610
Wasatch	July 2, 1908	249,840
Total		7,411,157

WASHINGTON.

Chelan	July 1, 1908	2,492,500
Columbia	July 1, 1908	941,440
Colville	May 9, 1910	825,354
Kaniksu	May 6, 1910	397,936
Olympic	March 2, 1908	1,594,560
Rainier	May 6, 1910	1,635,370
Snoqualmie	July 1, 1908	961,120
Washington	July 1, 1908	1,419,040
Wenaha	May 27, 1910	318,400
Wenatchee	July 1, 1908	1,421,120
Total		12,007,340

WYOMING.

Ashley	July 1, 1908	4,596
Bighorn	July 2, 1908	1,151,680
Bonneville	July 1, 1908	1,627,840
Caribou	May 6, 1910	7,018
Cheyenne	July 1, 1908	561,612
Hayden	July 1, 1908	370,911
Shoshone	July 1, 1908	1,689,680
Sundance	July 1, 1908	183,224
Targhee	July 1, 1908	377,600
Teton	July 1, 1908	1,991,200
Wyoming	July 1, 1908	976,320
Total		8,941,681

ALASKA.

Chugach	Feb. 23, 1909	11,280,640
Tongass	Feb. 16, 1909	15,480,986
Total		26,761,626

PORTO RICO.

Luquillo	Jan. 17, 1903	65,950

Grand total 149 national forests.....192,931,197

Following is the total acreage of each national forest which extends over a state boundary line:

Ashley	952,086	LaSal	474,130
Beaverhead	1,810,820	Minidoka	639,085
Cache	533,840	Mono	1,349,126
Caribou	706,846	Pocatello	276,542
Chiricahua	466,497	Sioux	249,653
Crater	1,119,834	Siskiyou	1,302,393
Dixie	1,102,665	Tahoe	1,992,127
Hayden	454,911	Targhee	1,479,320
Inyo	1,521,017	Wenaha	813,946
Kaniksu	942,156	Zuni	670,981

REVENUE FROM NATIONAL FORESTS (1909).

Timber sales	$647,721
Settlements	45,272
Penalties for trespass	43,109
Special uses	38,983
From fees	1,032,186
Total	1,807,271

CONSERVATION OF THE NATIONAL RESOURCES.

NATIONAL CONSERVATION ASSOCIATION.

The National Conservation association, with headquarters in the Colorado building, Washington, D. C., is now the organized head of the conservation movement in the United States. The association came into existence because of an urgent need for an organization open to every man and woman who stood for conservation, which would give them immediate opportunity for united and effective work.

On July 28, 1909, the first step was taken. A group of the men who had led in the fight for conservation met and organized the National Conservation association. Dr. Charles W. Eliot, president emeritus of Harvard university, was made president of the association. Soon after Gifford Pinchot was removed from the government service by President Taft, Dr. Eliot presented his resignation and nominated Mr. Pinchot as his successor. Mr. Pinchot's election as president of the National Conservation association followed, the honorary presidency being accepted by Dr. Eliot.

In a booklet explaining the objects of the association is the following:

"The National Conservation association is fighting for the prompt and orderly development of our natural resources, for the welfare of ourselves and our children, and for the rights of the plain people. The association is bound neither by political considerations nor official connections. It is free to speak the whole truth.

"That conservation means the use of our natural resources for the benefit of us all and not merely for the profit of a few is already household knowledge. The task which the National Conservation association has set itself is to get this principle put into practical effect."

During the 61st congress, second session, the principles for which the association stood were enacted into law in a considerable number of cases and are represented in many bills still awaiting action.

Early in the second session Senator Knute Nelson introduced nine conservation bills drafted in the interior department. For five of these bills substitutes, embodying conservation principles, were prepared by the association, covering all important phases of the conservation programme of the administration. These were introduced by Representative Gronna of North Dakota and are before congress for consideration. The substitute for the withdrawal bill suggested by the association was enacted into law with amendments. The three remaining conservation bills proposed by the administration, which were of relatively small importance, were passed in a form different from that in which they were introduced, and one of them in greatly improved form. The act for issuing $20,000,000 of bonds to hasten the completion of reclamation projects was advocated by the administration.

The association is maintained by annual dues from membership, which is divided into the following classes:

Members	$2.00
Active members	5.00
Contributing members	25.00
Patrons	100.00
Life membership	1,000.00

The organization of the National Conservation association is as follows:

Gifford Pinchot, president, Washington, D. C.
Charles W. Eliot, honorary president, Cambridge, Mass.
Walter L. Fisher, vice-president, Chicago, Ill.
Thomas R. Shipp, secretary, Washington, D. C.
Overton W. Price, treasurer, Washington, D. C.
Philip P. Wells, counsel, Washington, D. C.

JOINT COMMITTEE ON CONSERVATION.

An amendment to the sundry civil bill, proposed by Representative James A. Tawney of Minnesota, prohibited the national conservation commission from going on with its work under the government, although the commission itself, at the wish of President Taft, continued in existence. Accordingly the joint committee on conservation took up the work of co-operation among the state

conservation commissions and the conservation committees of large national organizations. In February, 1910, this committee was consolidated with the National Conservation association.

NATIONAL CONSERVATION CONGRESS.

The second national conservation congress was held in St. Paul, Minn., Sept. 5-8, 1910. Addresses were made by President Taft, Former President Roosevelt, Gifford Pinchot and many others. The keynote of Mr. Taft's speech was that deeds should take the place of words. "The time has come," he said, "for a halt in general rhapsodies over conservation, making the word mean every known good in the world. Such appeals are of doubtful utility and do not direct the public to the specific course that should be taken. Real conservation involves wise, nonwasteful use in the present generation, with every possible means of preservation for succeeding generations. * * * I am fully convinced that the only course for me to pursue is to hold fast to the limitations of the constitution and to regard as sacred the powers of the states."

Mr. Roosevelt maintained that the outcry against the supposed violation of the rights of the various states was raised by those who feared the power of the government would stop the grabbing of resources and who knew the states were impotent to act in the majority of cases.

Resolutions were adopted by the congress declaring that the natural resources should be developed, used and conserved in ways consistent both with current welfare and with the perpetuity of the people. The reclamation service of the federal government and the continuation of the national forests by it were approved. Co-operation between state and federal agencies in the control of water resources and the prompt adoption of a comprehensive plan for developing navigation throughout the rivers and lakes, proceeding in the order of their magnitude and commercial importance, were urged.

Henry W. Wallace of Des Moines, Iowa, was chosen president and Dr. Austin Latchaw of Kansas City, Mo., treasurer. Thomas Shipp was re-elected secretary.

LAND AND WATER-POWER CONSERVATION.

In a special message to congress Jan. 14, 1910, President Taft made the following recommendations:

That public lands be classified according to their principal value or use.

That the control of water-power sites be invested in the government to insure competition and reasonable prices.

That bonds to the amount of $30,000,000 be issued to complete irrigation projects already under way.

That acts be passed to validate action taken by the interior department regarding the disposition of timber lands.

That steps be taken to improve the inland waterways, beginning with the completion of a nine-foot channel in the Ohio river between Pittsburg and Cairo.

THE PINCHOT-BALLINGER CONTROVERSY.

By direction of President Taft, Gifford Pinchot, chief forester of the United States, was summarily discharged from his office by Secretary Wilson of the agricultural department, Jan. 7, 1909. The immediate cause of the action was a letter written by Mr. Pinchot to Senator Jonathan P. Dolliver of Iowa and read by him in the senate Jan. 6. In this letter the forester, by inference, criticised the president for removing L. R. Glavis from the public land office for his conduct in regard to the Cunningham coal land cases in Alaska, admitting that two of the writer's subordinates, Overton W. Price, assistant forester, and Alexander Shaw, assistant law officer, had assisted Glavis in preparing the published charges against the secretary of the interior, Richard A. Ballinger. The letter further declared that the action of Price and Shaw was improper, but that he considered the reprimand which he had administered was sufficient punishment in view of the peculiar value of their services to the government.

In a letter to Mr. Pinchot notifying him of his dismissal, President Taft declared: "Your letter was in effect an improper appeal to congress and the public to excuse in advance the guilt of your subordinates before I could act, and against my decision in the Glavis case before the whole evidence on which that was based could be considered. * * * By your own conduct you have destroyed your usefulness as a helpful subordinate of the government, and it therefore now becomes my duty to direct the secretary of agriculture to remove you from your office as the forester."

The trouble between Mr. Pinchot and Mr. Ballinger began shortly after the latter had been appointed secretary of the interior. While James R. Garfield held that office Mr. Pinchot recommended to the department the withdrawal as ranger sites of small tracts in the public domain outside of the forest reserves with the idea of preserving the national domain from monopolistic exploitation. This policy was approved by Mr. Garfield, but when Mr. Ballinger became secretary he refused to approve the withdrawal of certain lands in Washington and Oregon on the ground that such action would be adding to the forest reserves in those states, thus usurping a power exclusively vested in congress. In this position he was sustained by Attorney-General Wickersham. Mr. Ballinger also restored to entry thousands of acres which Secretary Garfield had withdrawn under what he considered the supervisory authority of the secretary of the interior. Mr. Ballinger denied that such authority existed.

The Cunningham claims, near Katalla, Alaska, covered thirty-three coal entries, comprising 5,280 acres, said by experts to contain more than 63,000,000 long tons of coal besides valuable timber and water power. These claims had been under investigation in 1907 and Special Agent H. T. Jones had reported that in his opinion the entries had been fraudulently made in the interest of the Guggenheim mining syndicate. L. R. Glavis, chief of the field division of the land office in Seattle, who had investigated the claims, learned in January, 1908, that they had been clear listed for patent. He made a protest and the clear listing was suspended while he continued his investigation. Mr. Ballinger was at this time commissioner of the general land office and on March 3, 1908, he urged a committee of the house of representatives to pass a bill introduced by Delegate Cale of Alaska permitting the consolidation of the entries. This bill, amended at the suggestion of Secretary Garfield so as to provide for the consolidation of claims entered by locators solely in their own interest and not as the agents of others, became a law.

When Mr. Ballinger resigned as commissioner of the general land office he became attorney for the Cunningham claimants in this case and filed a brief on their behalf, though it was asserted that in doing so he violated the federal statute prohibiting any officer or employe of the government from acting as attorney in the prosecution of any claim pending in the department with which he was connected within two years after such officer or employe left the government service. In March, 1909, when Mr. Ballinger entered the Taft cabinet, he gave up his connection with the Cunningham cases and turned them over to Assistant Secretary Pierce for decision. In May, 1909, the latter decided in favor of the Cunninghams, but June 12 the decision was overruled by Attorney-General Wickersham. The Cunninghams then fell back upon the old law and the land office ordered Glavis to hurry his investigations. Glavis was later on replaced by Special Land Agent Sheridan, who indorsed the application for a postponement of the trial of the Cunningham cases. The forestry office, at the request of Glavis, had begun an investigation of the whole matter, as the Cunningham group of claims was included in the Chugach national forest reserve. Law Officer Shaw and Assistant Forester Price went to the general land office July 22 and asked to see the record in the cases. Permission was refused at first, but was later granted. The dispute between Glavis and the forestry office on

the one hand and Secretary Ballinger on the other became acute and was finally laid before the president, then at his summer home at Beverly, Mass. Ballinger was sustained and, Sept. 13, Mr. Taft wrote a letter authorizing the discharge of Mr. Glavis from the government service.

Mr. Glavis, after his dismissal, wrote a series of articles explaining his side of the controversy, while Mr. Pinchot defended his part in the matter in a number of public speeches. Mr. Ballinger demanded a congressional investigation and Jan. 5, 1910, a joint resolution was introduced for that purpose. It was passed in the house Jan. 7, but with a proviso that the members of the committee should not be appointed by Speaker Cannon, but should be elected. The amendment was carried by the combined vote of twenty-six "insurgent" republicans and 123 democrats, on the plea that it would prevent the appointment of a "whitewashing" committee. The joint resolution was adopted by the senate Jan. 10, with some changes requiring consideration by conference committees of each house. The joint resolution as modified in conference was finally adopted by the senate Jan. 17 and by the house Jan. 18. Under its terms the following committee of investigation was chosen, the senators being appointed by the vice-president and the representatives elected after being named in party caucuses:

Senators—Knute Nelson, Rep., Minnesota, chairman; Frank P. Flint, Rep., California; George Sutherland, Rep., Utah; Elihu Root, Rep., New York; Duncan U. Fletcher, Dem., Florida; William E. Purcell, Dem., North Dakota.

Representatives—Samuel McCall, Rep., Massachusetts; Martin E. Olmsted, Rep., Pennsylvania; Edwin Denby, Rep., Michigan; Edmond H. Madison, Rep., Kansas; James M. Graham, Dem., Illinois; Ollie M. James, Dem., Kentucky.

The inquiry began Jan. 26 and ended May 20. Testimony was given by Louis R. Glavis, Secretary Ballinger, Secretary James Wilson, Gifford Pinchot, F. M. Kerby and others. The committee took the case under advisement and a meeting was later called for Sept. 5 in St. Paul, Minn. The meeting was held there Sept. 7 and another Sept. 9, but the chairman, Senator Nelson, found that no quorum was present. The democratic members of the committee, however, adopted and published a report in which the charges made by Pinchot and Glavis against Secretary Ballinger were sustained in every particular. Mr. Ballinger was found to have betrayed his official trust in conspiring with land grabbers and to have been guilty of duplicity toward President Taft. The report concluded:

"That Richard A. Ballinger has not been true to the trust reposed in him as secretary of the interior, that he is not deserving of public confidence and that he should be requested by the proper authorities to resign his office."

This report was signed by Senators Fletcher and Purcell and Representatives James and Graham. Congressman Madison of Kansas made a separate report, but substantially the same in effect. He found that Mr. Ballinger was not a faithful trustee of the people's interests and recommended his dismissal from office.

Senators Nelson, Sutherland and Root and Representatives McCall, Olmsted and Denby met in Chicago Sept. 13, and after a brief conference issued a statement to the effect that the pretended adoption of a report by a political minority and its publication as if it were the report of the committee exhibited a willingness to sacrifice the rights and injure the reputation of the officers investigated in order to obtain a supposed political advantage in the pending political campaign. "The report of the committee," the statement continued, "cannot be made until Dec. 5, when congress meets, and the meeting called for Sept. 5 was for the purpose of considering and discussing what the report to be made three months thereafter should be. There was, therefore, no haste or pressure for time. The action of the democratic minority in taking advantage of the delay of some members in reaching the meeting was an effort to substitute a prearranged scheme for the orderly deliberation and discussion which the duty of the committee requires."

REPORT OF NATIONAL WATERWAYS COMMISSION.

The national waterways commission created by congress in 1909 made its preliminary report Jan. 24, 1910, giving the results of its investigations and studies both in the United States and in Europe. Among the conclusions reached were the following:

The most important factor in the decrease of water-borne traffic in the United States alongside of and contemporaneously with the great increase in railway traffic is due to the relations existing between these two great agencies for transportation. The most essential requirement for the rehabilitation of water traffic is, in the opinion of the commission, the establishment of harmonious relations between railway and water lines. It is quite as important that there should be co-operation between them as that greater depth of channels should be secured. Where such co-operation can be secured, or suitable railroad service does not exist, the commission would recommend the improvement of waterways which, on expert examination, are found to be of economic value as a means for transportation.

Canals adapted for seagoing ships are only profitable when they connect navigable waters located near each other, such as the Sault Ste. Marie canal; when they save a great sailing distance, as in the case of the Suez and Panama canals, or when they connect large cities near the coast with the ocean, as in the case of the Manchester canal.

The commission regards the present law, providing for preliminary steps before the adoption of projects for improvement, as well adapted to secure the best results. This requires, after legislation by congress, that there shall be a preliminary examination and then a detailed survey by the engineer corps of the army and consideration by a board of review before a plan is adopted.

The commission finds that in the development of waterways on a large scale the decided tendency in other countries is toward a degree of participation by communities and localities especially benefited and is of the opinion that in order to obtain the best results this policy must ultimately be adopted in our own country. Terminal facilities should, at least, be provided by the communities immediately benefited. The commission would recommend that where an equitable division is possible uniform rules be observed for a proper division of the cost between the federal government and minor political divisions.

It is desirable that whenever navigation is improved careful attention be given to such associated objects as bank protection, flood and drought prevention, irrigation and drainage, but it should always be borne in mind that waterway improvements made by the federal government should be restricted to navigation.

The commission recommends the continuance of the progressive policy which has been adopted relating to harbors, but it would advise a division of harbors into classes by depth or by the importance of their ocean or coastwise traffic. The commission is unwilling to recommend the construction of wharves and docks by the government.

The commission strongly recommends the greatest care in the conservation of water power for the use of the people. The control of the federal government over navigable streams has to do with navigation only, and in the exercise of this jurisdiction the plan commends itself to the commission of inserting in each grant or franchise under which the consent to construct a dam is given a condition that the grantee who constructs the dam must also, whenever necessary to subserve the interests of navigation, construct a lock suited to the locality and to the probable development of traffic, and also furnish power for the proper operation of the lock or locks. Whenever the government constructs dams for purposes of navigation or irrigation, and, as an incident thereto, water power is developed, such power should be utilized and an adequate charge be made therefor.

The commission found little that was new in European methods of improving rivers or in constructing locks and dams. In general it approves of the methods heretofore in use in the United States.

NATIONAL WATERWAYS COMMISSION.

Created by act of congress March 3, 1909.

Senate—Theodore E. Burton, Ohio, chairman; Jacob H. Gallinger, New Hampshire, vice-chairman; Samuel H. Piles, Washington; William Alden Smith, Michigan; F. M. Simmons, North Carolina; James P. Clarke, Arkansas; William Lorimer, Illinois.

House of Representatives—D. S. Alexander, New York; Frederick C. Stevens, Minnesota; Irving P. Wanger, Pennsylvania; Stephen M. Sparkman, Florida; John A. Moon, Tennessee.

Secretaries—Woodbury Pulsifer and Joseph H. McGann.

Office—Room 327, senate office building, Washington, D. C.

LAKES-TO-GULF DEEP-WATERWAY PROJECT.

ACTION BY ILLINOIS.

Oct. 16, 1907, the legislature of Illinois passed a joint resolution providing for the submission to the electors of the state of an amendment to the constitution permitting the general assembly to provide for the construction of a deep waterway from Lockport to Utica and to authorize the issue of bonds to the amount of $20,000,000 for this purpose. At the election of Nov. 3, 1908, the people approved the proposed amendment by a vote of 692,522 for to 195,177 against. At the regular session of the legislature in 1909 the waterway project was considered, but no agreement could be reached as to the question of going ahead immediately with the work or waiting for federal aid and no bill was passed. The matter was included in the list of subjects to be considered at the extra session of the legislature in the winter and spring of 1909-1910, but no action was taken.

ADVERSE REPORT BY ENGINEERS.

June 10, 1909, the special board appointed under authority of congress to investigate the feasibility of constructing a ship canal from the lakes to the Gulf of Mexico reported that a fourteen-foot channel could be built at a cost of $159,000,000 and eighteen years of labor. It estimated that it would take $128,000,000 to construct such a channel from St. Louis to the mouth of the Mississippi alone. The board reported against building such a channel, maintaining that present and prospective demands of commerce between Chicago and the gulf could be adequately met by a through channel nine feet in depth.

At the fourth lakes-to-the-gulf deep-waterway convention, held in New Orleans, La., Oct. 30-Nov. 1, 1909, President Taft made a speech indorsing the improvement of the waterways of the country generally. He failed, however, to approve of the lakes-to-the-gulf project. In a special message to congress Jan. 14, 1910, he recommended that steps be taken to improve the inland waterways, beginning with the completion of a nine-foot channel in the Ohio river, between Pittsburg and Cairo.

LAKES-TO-THE-GULF DEEP-WATERWAY ASSOCIATION.

President—William K. Kavanaugh, St. Louis, Mo.
Secretary—Thomas H. Lovelace, 909 New Bank of Commerce building, St. Louis, Mo.

BOARD OF GOVERNORS.

President—William K. Kavanaugh, St. Louis.
First Vice-President—E. S. Conway, Chicago.
Second Vice-President—M. J. Sanders, New Orleans.
Third Vice-President—S. M. Neely, Memphis.
Fourth Vice-President—J. L. Hebron, Greenville, Miss.
Fifth Vice-President—Greenfield Quarles, Helena, Ark.
Secretary—Thomas H. Lovelace, St. Louis.
Honorary Secretary—William F. Saunders, St. Louis.
Treasurer—George H. Munroe, Joliet, Ill.
Sergeant-at-Arms—Thomas M. Hunter, Chicago.
Other Members—John M. Parker, Louisiana; Judge William M. Kavanaugh, Arkansas; R. R. Bourland, Illinois; James E. Smith, Missouri; James F. Buckner, Jr., Kentucky; Drew Musser, Minnesota; Thomas Wilkinson, Iowa; Charles Scott, Mississippi; James S. Warren, Tennessee; J. W. Zevely, Oklahoma; A. L. Crocker, Minnesota; John S. M. Neill, Montana; Sterling J. Joyner, New York; A. B. Beall, Iowa; Egbert G. Leigh, Jr., Virginia; R. S. Carver, Indiana; Maurice Niezer, Indiana; William Stull, Nebraska; John L. Vance, Ohio; Wesley R. Childs, Kansas; Joseph N. Teal, Oregon; Col. A. J. Houston, Texas; Jacob Haussling, New Jersey; Ernest A. Stone, Michigan; G. W. Simpson, Massachusetts; Frank C. Goudy, Colorado; W. C. Lusk, South Dakota; Charles T. Madison, Oklahoma.

EXECUTIVE COMMITTEE.

Arkansas—William M. Kavanaugh, Little Rock.
Illinois—A. C. Bartlett and C. F. Wiehe, Chicago.
Iowa—Thomas Wilkinson, Burlington.
Louisiana—John M. Parker and Philip Werlein, New Orleans.
Minnesota—James J. Hill, St. Paul.
Mississippi—J. D. Barkdull, Natchez; F. N. Robertshaw, Greenville.
Missouri—James E. Smith, St. Louis; Lawrence M. Jones, Kansas City.
Tennessee—James S. Warren and Alexander Y. Scott, Memphis.

ADVISORY BOARD OF STATE GOVERNORS.

The governors of Alabama, Arizona, Arkansas, Colorado, Florida, Idaho, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Ohio, Oklahoma, South Carolina, South Dakota, Tennessee, Texas, Vermont, Washington, Wisconsin and Wyoming.

BURIAL PLACES OF PRESIDENTS.

George Washington—Mount Vernon, Va.
John Adams—Quincy, Mass.
Thomas Jefferson—Monticello, Va.
James Madison—Montpelier, Va.
James Monroe—Richmond, Va.
John Quincy Adams—Quincy, Mass.
Andrew Jackson—Hermitage, Nashville, Tenn.
Martin Van Buren—Kinderhook, N. Y.
William Henry Harrison—North Bend, O.
John Tyler—Richmond, Va.
James Knox Polk—Nashville, Tenn.
Zachary Taylor—Springfield, Ky.
Millard Fillmore—Buffalo, N. Y.
Franklin Pierce—Concord, N. H.
James Buchanan—Lancaster, Pa.
Abraham Lincoln—Springfield, Ill.
Ulysses S. Grant—New York, N. Y.
Rutherford B. Hayes—Fremont, O.
James A. Garfield—Cleveland, O.
Chester A. Arthur—Albany, N. Y.
Benjamin Harrison—Indianapolis, Ind.
William McKinley—Canton, O.
Grover Cleveland—Princeton, N. J.

LENGTH IN FEET OF CERTAIN MILES.

From circular of hydrographic office, U. S. navy department.

In the United States the nautical mile or knot or sea mile, used for the measurement of distances in ocean navigation, has a length of 6,080.27 feet; in England the nautical mile, corresponding to the "admiralty knot," is 6,080 feet; in France, Germany and Austria the nautical or sea mile has a length of 6,076.23 feet. The geographic mile, which is the length of one minute of longitude of the equator of the terrestrial spheroid, is 6,087.15 feet long. The statute mile, used principally in measurements on land, is 5,280 feet.

AERONAUTICAL PROGRESS IN 1910.

The year 1910 was one of wonderful achievements in the conquest of the air. Records for sustained flight, speed, distance made and altitude reached were constantly being broken both by aeroplanes and dirigible balloons. Aviation meets and exhibitions increased in number and in the quality of the performances. America became almost as enthusiastic as Europe on the subject and many new names were added to the list of skilled airmen. Unfortunately casualties from accidents were many, but they did not have the effect of retarding progress in aviation or of discouraging men from continuing to experiment with flying machines. These were being gradually improved, though they were still far from being perfect as to reliability and safety. Below will be found accounts of some of the more remarkable performances of the year, with the latest available records on both sides of the Atlantic, a list of casualties and a chronological record of aeronautical events in 1910.

LONG-DISTANCE FLIGHTS.

LONDON TO MANCHESTER.

Mr. Grahame-White, in a Farman aeroplane, left London, England, at 5:12 Saturday morning, April 23, 1910, in an attempt to win a prize of $50,000 offered by the Daily Mail for a flight from London to Manchester, a distance of 186 miles. Traveling at an average speed of forty miles an hour he reached Rugby, the first stopping place, at 8:30 o'clock. Resuming his journey he met with rough weather and the motor of his machine developed a defect, which compelled him to descend at Lichfield, 117 miles from London and 69 miles from Manchester. He decided to give up the attempt at this point on account of the bad weather.—

Wednesday, April 27, M. Louis Paulhan, the French aviator, who had entered for the Daily Mail prize a few days before, started from London at 5:20 p. m. in a Farman biplane and flew to Lichfield without a stop. It was then 8:10 o'clock and too dark for him to proceed farther. He started again at 4 o'clock the next morning and descended within the limits of Manchester at 5:32 a. m., thus winning the prize.

When Grahame-White heard of M. Paulhan's start Wednesday evening he started in his own machine at 6:30 o'clock, an hour and ten minutes later than his rival. He continued until he reached Roade, sixty miles from London, where he descended. He started again at 2:50 in the morning and at 4 o'clock was only some fifteen miles behind Paulhan, who had resumed his flight at that hour. Grahame-White proceeded until he reached Polesworth, 107 miles from London, when he had to descend. There, learning that the Frenchman had reached Manchester, he gave up the race. Paulhan's average speed while in the air was 44.3 miles an hour and both he and Grahame-White flew at an average elevation of 200 feet. The wind was at right angles to the course and the weather was cold.

CROSSES CHANNEL TWICE.

Capt. Charles Stewart Rolls of the British army, driving a Wright aeroplane, crossed the English channel twice on the evening of June 2, 1910, without alighting. He made the round trip between Dover and Calais in 90 minutes, flying most of the time at an elevation of about 1,000 feet. The distance between the two places is twenty-one miles, making the total overwater flight forty-two miles.

ACROSS THE IRISH SEA.

Robert Loraine, an actor-aviator, crossed the Irish sea in an aeroplane Sept. 11, 1910, between Holyhead, Wales, and Howth hill, on the north side of Dublin bay, Ireland. The trip was marred by the breakdown of his motor at the finish of his trip. He had reached Howth hill, but found that he was too low to scale it and he had swung around to obtain a higher elevation when a wire broke and his machine fell into the sea sixty yards from land. Loraine, who wore a life belt, swam to the shore near the Bailey lighthouse. The distance covered by the aeroplane was about sixty miles.

FROM PARIS TO LONDON.

One of the most daring aviation feats of the year was the flight of John B. Moisant of Chicago from Paris to London, a distance of 301 miles, with a mechanic as a passenger. He left Issy, a suburb of Paris, at 5:45 p. m., Aug. 16, in a Blériot machine and arrived at Amiens, eighty-four miles distant, at 7:30 p. m. He stopped there over night and started at 5:10 the next morning (Aug. 17) for Calais, arriving at 7:15 a. m., the distance covered being 118 miles. At 10:45 a. m. he rose again and though a rather strong wind was blowing boldly set his course for Dover on the other side of the channel, a tugboat following part of the way across. He landed at Deal, England, twenty-nine miles from Calais, at 11:15 a. m. and remained there until 4:55 a. m., Aug. 18, when he started for London, seventy miles away. An accident to the motor compelled him to descend at Rainham, four miles from Chatham and about twenty miles from London. In descending a propeller blade was broken and Moisant and his companion were compelled to wait until a duplicate blade could be secured. Aug. 20 and 22 he made attempts to cover the remaining distance to London, but gales of wind were encountered, and after several narrow escapes the aeronaut finally was forced to land so suddenly that his machine was placed out of commission for the time being. After thorough repairs had been made he resumed his flight Sept. 6 and landed at the Crystal palace in the evening.

FIRST FLIGHT ACROSS THE ALPS.

George Chavez, a Peruvian, crossed the Alps by aeroplane for the first time Sept. 23, 1910. The daring feat resulted disastrously, as the aviator fell with his machine near Domodossola and sustained injuries from which he died Sept. 27. He was within thirty feet of the surface when one of the wings of his monoplane collapsed and the machine dropped with Chavez beneath. Both his legs were broken, his left thigh was fractured and he also sustained internal injuries. The start of the trip was made at Brig, on the Swiss side, and the route was over the Simplon pass at an altitude of nearly 7,000 feet. The objective point was Milan, Italy, the Italian Aviation society having offered a prize of $20,000 to the aviator who should be the first to make the journey. The difficult and apparently the most dangerous part of the trip was over when the accident occurred and in view of this fact the society awarded $10,000 to M. Chavez two days before he died.

FRENCH CROSS-COUNTRY RACE.

M. Le Blanc won a notable cross-country aeroplane race, which began at Issy, Paris, Aug. 7, 1910, and ended at the same place Aug. 17. The distance of the circuit was approximately 485 miles and the prize was a purse of $20,000 offered by a Paris newspaper. Le Blanc, using a Blériot monoplane, covered the circuit in 11 hours 55 minutes and 59 seconds, actual flying time. M. Aubrun was second in 13:27:14. Several military aviators acted as escorts. The route was from Issy to Troyes, to Nancy, to Mezieres, to Douai, to Amiens, to Issy.

CHICAGO TO SPRINGFIELD, ILL.

Walter R. Brookins won a prize of $10,000 offered by The Chicago Record-Herald when he made a flight in a Wright biplane from Washington park, Chicago, to Springfield, Ill., Sept. 29, 1910. The start was made at 9:15 a. m., in the presence of a huge crowd of spectators. The weather was clear and moderately warm with the wind blowing from ten to fifteen miles an hour from the south. Flying east until he reached the Illinois Central railroad at Jackson park, the aviator turned and proceeded in a southwesterly direction along the line all the way to Springfield. A special train, with persons interested in the flight, including Wilbur Wright, the inventor, followed or preceded the aeroplane. Brookins averaged something like thirty-three miles an hour, and as the train had to stop at many stations he had no difficulty in keeping abreast and at times ahead of it. He came down twice for oil—once at Gilman, after he had trav-

eled 74.76 miles without a halt, and then at Mount Pulaski, when he had completed another stretch of 87.35 miles. He arrived at Springfield at 4:25 p. m. and made a fine landing in the fair grounds, where a great throng of people were awaiting him.

During the flight an altitude varying from 1,000 to 2,500 feet was maintained, the aviator seeking to avoid the uncertain air currents near the ground. At all the cities and towns passed thousands of spectators had assembled, the schools in many cases being dismissed to give the pupils an opportunity to see an aeroplane for the first time. No accident of any kind, except the loss of one of the small wheels under the machine, occurred from start to finish of the flight. It was the best performance of the kind seen up to that time in America. The following table shows the mileage made, the time between the various points and the actual flying time:

At—	Time.	Miles.	Elpsd. time.	Fly'g time.
Washington park	9:15	.....	....	....
Kensington	9:36	8.19	:21	:21
Matteson	9:58	21.88	:43	:43
Monee	10:10	27.81	:55	:55
Peotone	10:22	34.13	1:07	1:07
Otto	11:00	53.97	1:45	1:45
Clifton	11:16	62.80	2:01	2:01
Danforth	11:31	71.02	2:16	2:16
Gilman (down)	11:43	74.76	2:28	2:28
Gilman (up)	12:41	74.76	3:26	2:28
Ridgeville	12:51	80.06	3:36	2:38
Roberts	1:09	89.26	3:54	2:56
Melvin	1:18	93.87	4:03	3:05
Guthrie	1:28	96.66	4:13	3:15
Gibson	1:36	103.64	4:21	3:23
Belleflower	1:55	115.42	4:40	3:42
Woodman	2:07	120.99	4:52	3:54
Parnell	2:20	128.62	5:05	4:07
Birbeck	2:33	137.30	5:18	4:20
Clinton	2:45	142.06	5:30	4:32
Kenney	2:58	150.30	5:43	4:45
Chestnut	3:09	156.33	5:54	4:56
Mount Pulaski (down)	3:20	162.61	6:05	5:07
Mount Pulaski (up)	3:43	162.61	6:28	5:07
Spaulding	4:13	179.26	6:58	5:37
Fair grounds (Springfield)	4:25	188.00	7:10	5:49

SPRINGFIELD TO ST. LOUIS.

Arch Hoxsey, in the same biplane used by Brookins in his flight from Chicago to Springfield, left Springfield at 11:55 a. m., Oct. 8, and, following the Chicago & Alton railway, flew across the country to St. Louis, Mo., crossing the Mississippi river near the mouth of the Missouri. He had difficulty in locating the landing place chosen for him and spent a long time searching for it. He landed at 3:11 p. m. and was then directed where to go. Though he remained in the air three hours and twenty-two minutes, the distance, not counting the time spent in the search for the landing place, was covered in 2 hours and 20 minutes. He flew at an altitude of between 600 and 1,200 feet.

ALBANY TO NEW YORK.

Glenn H. Curtiss won a prize of $10,000 offered by the New York World when he made an aeroplane flight from Albany to New York, Sunday, May 29, 1910. He made the distance of 137 miles in 2 hours and 32 minutes actual flying time, averaging 54.06 miles an hour. He started at 7:03 o'clock in the morning from Van Rensselaer island in the Hudson river, near Albany, and rising to a height of between 500 and 700 feet, steered for the south after having made a slight deviation to the west so as to cross the Albany city limits. Following the course of the river and above it nearly all the time, he flew steadily and so swiftly that a special train engaged for the purpose had great difficulty in keeping him in sight. Catskill was passed at 8:05 and Poughkeepsie at 8:26. He flew over the high bridge at that point and then descended into a meadow three miles farther on. Here he obtained a fresh supply of gasoline and oil, and after an hour's delay he resumed his journey. West Point was reached at 10:02, Yonkers at 10:32 and Inwood, Manhattan island, at 10:35. Inwood was the official landing place within the limits of Manhattan island, and he had thus won the prize. He remained there 1 hour and 7 minutes and then flew to Governor's island. The only time on the whole journey when he came near a mishap was at Storm King, where his machine was struck by a sudden gust of wind, causing it to tilt and drop a short distance until he regained control. The aviator was at times more than 1,000 feet above the surface of the river.

NEW YORK TO PHILADELPHIA AND BACK.

Charles K. Hamilton, in a Curtiss aeroplane, left Governor's island, New York, at 7:35 a. m., June 13, 1910, and alighted in aviation field at North Penn Junction, Philadelphia, at 9:26 a. m., having covered a distance of eighty-eight miles in 1 hour and 51 minutes without a stop. Starting on the return trip at 11:30 a. m., he had flown approximately seventy miles when the spark plugs of his motor fouled and he was compelled to descend in a swamp near South Amboy, N. J., at 12:55 p. m. The propeller was broken in making the landing, but a new one was secured from Governor's island and, resuming the flight at 6:20 p. m., Mr. Hamilton landed at the starting point at 6:39 p. m. The actual flying time for the round trip of 176 miles was 207 minutes, the average speed on the return part of the journey being 54.96 miles an hour. The aviator by this performance won a prize of $10,000 offered by the New York Times and the Philadelphia Public Ledger for an aeroplane flight from New York to Philadelphia and back within twenty-four hours.

FAILURE OF CHICAGO-NEW YORK RACE.

The Chicago Evening Post and the New York Times offered a prize of $30,000 for an aeroplane flight from Chicago to New York. A number of Curtiss machines were entered and some creditable preliminary work was done at the Hawthorne race-track at Chicago Oct. 1-8. Only one man made a start, however, and the "race" proved a fizzle. Eugene Ely left Hawthorne Sunday afternoon, Oct. 9, but his engine broke down and he was forced to descend at Beverly Hills, only nine miles away. He started again on Monday, but after a number of mishaps was obliged to give up the race at East Chicago, some twenty miles from Hawthorne.

AVIATION MEETS.

LOS ANGELES.

The first aviation meet of 1910 took place near Los Angeles, Cal., Jan. 10-20. The principal contenders were Louis Paulhan of France, using Farman biplanes, and Glenn H. Curtiss, American, who used aeroplanes of the Wright type. Paulhan won all the cross-country, passenger-carrying, altitude and endurance tests, while Curtiss won the prizes for speed, quick starts and good landings. The Frenchman won $15,000 in prizes and the American about $5,000. Following were the principal records made:

Height—Louis Paulhan, 4,165 feet, first; Charles K. Hamilton, 530.5 feet, second; Glenn H. Curtiss, no official height taken, third.

Endurance and time—Paulhan, 75.77 miles, 1:58:32, first; Hamilton, 19.44 miles, 39:00⅘, second; Curtiss, 16.11 miles, 24:54⅘, third.

Speed (ten laps)—Curtiss, 16.11 miles, 23:43⅘, first; Paulhan, 16.11 miles, 24:59⅘, second; Hamilton, 16.11 miles, 30:34⅘, third.

Speed (three laps with passenger)—Paulhan, 4.83 miles, 8:16½; no others contested.

Slowest lap—Hamilton, 1.61 miles, 3:36⅘.

Quickest start—Curtiss, 98 feet, 6⅘ seconds.

Starting and landing in square—Charles F. Willard, won; score perfect.

Cross-country flight—Paulhan, 47½ miles.

HARVARD-BOSTON.

The Harvard Aeronautical society gave a successful aviation meet on its own field in the outskirts of Boston, Sept. 3-13, 1910. Prizes amounting to $40,650 were given for professional events and about $8,000 in cups for amateur competitions. Claude Grahame-White of England won $22,000; Ralph Johnstone, $5,000; Walter R. Brookins, $4,250; Glenn H. Curtiss, $2,000; Charles F. Willard, $500; Clifford B. Harmon, $7,500; W. Starling Burgess, $250. Best records made at meet:

Speed—3 laps in 6:01, over 1¾-mile course, by Grahame-White.

Altitude—4,732 ft. in one flight by Brookins.

Duration—3:05:40 in air during one flight by Johnstone (American record).

Distance—101 miles 389 ft. in one flight by Johnstone (American record).
Getaway—26 ft. 11 in. from start by Grahame-White.
Accuracy—Stopped 5 ft. 4 in. from center after landing within 100-ft. circle by Johnstone (world's record).
Slow lap—3 laps in 13:48 over 1¾-mile course by Brookins.
Bomb dropping—180 points on 81 hits by Grahame-White.
Boston light course—34:01⅕, over thirty-three and a fraction miles over water, by Grahame-White.

BELMONT PARK.

(Length of course, 5 kilometers, or 3.11 miles.)

One of the most successful aviation meets of the year was held at Belmont park, New York, Oct. 22-31. Some of the best aviators in the world took part and the events were well contested. Following were the chief prize-winners:

Moisant (American, Bleriot)	$15,800
Grahame-White (English, Bleriot and Farman)	10,700
Johnstone (American, Wright)	3,625
Hoxsey (American, Wright)	3,675
Latham (French, Antoinette)	3,250

The total prizes amounted to more than $50,000. Following were the most remarkable performances:

Oct. 24—Hourly altitude: J. A. Drexel, 7,105 feet; Count de Lesseps, 5,615 feet; Walter Brookins, 4,852 feet. Hourly distance: Drexel, 28 laps in 54:33⅕; Latham, 21 laps in 48:41⅘. Grand speed event: McCurdy, 10 laps in 19:49⅕.
Oct. 25—Hourly altitude: Johnstone, 7,303 feet; De Lesseps, 6,391 feet. Hourly distance: Latham, 19 laps in 54:36⅘; Grahame-White, 14 laps in 34:16⅘.
Oct. 26—Hourly distance event: Latham, 17 laps in 36:22⅘. Special altitude event: Hoxsey, 6,183 feet; Johnstone, 5,763 feet. Cross country, 20 miles: Aubrun; time, 28:08.7.
Oct. 27—Altitude event: Johnstone, 8,471 feet.
Oct. 28—Hourly distance: Latham, 12 laps; time, 40:34.1. Hourly altitude: Hoxsey, 6,705 feet.
Oct. 29—International speed race for Gordon Bennett trophy; distance 100 kilometers (62.14 miles): Grahame-White, with 100-horse-power Bleriot, first, 1:01:04.74; Moisant, in 50-horse-power Bleriot, second, 1:57:44.85; Ogilvie, third, 2:06:36.69. Fastest lap of course (5 kilometers, or 3.11 miles); Le Blanc; time, 2:44.32.
Oct. 30—Statue of Liberty flight, distance 36 miles, prize $10,000: Won by John B. Moisant in 50-horse-power Bleriot in 34:38; Grahame-White, in 100-horse-power Bleriot, second, in 35:21.30.
Oct. 31—Aero club distance event (2 hours)—Won by Moisant, 56 laps; Latham, second, 35 laps. Special altitude event: Won by Ralph Johnstone, 9,714 feet (world's record). Grand speed contest (10 laps): Won by Grahame-White in 14:34⅘.

RECORDS FOR HEIGHT.

The records for altitude reached by aeroplane were repeatedly broken in 1910 until a height of nearly two miles above sea level was reached. Jan. 7, at Mourmelon, France, Hubert Latham rose to a height of 3,500 feet, using a monoplane. June 13, at Indianapolis, Ind., Walter R. Brookins, in a Wright biplane, attained an altitude of 4,384½ feet. July 9, at Atlantic City, N. J., the same aviator ascended 6,175 feet, part of the flight being over the ocean. The greater part of the descent was made in a series of circular glides, the engine having stopped for lack of fuel. Aug. 29, at Havre, France, Leon Morane reached a height of 7,054 feet in a monoplane, and Sept. 3, at Deauville, France, he made a record of 8,471 feet. This was excelled Sept. 8, near Paris, by George Chavez, a Peruvian aviator, who went 8,792 feet up in the air in a monoplane.

Oct. 1, at Mourmelon, France, M. Wynmalen, a comparatively unknown aviator, again broke the world's record for height by ascending to an altitude of 9,121 feet. He suffered severely from the cold and the carburetor of the engine was frozen, crippling the power of the machine. He rose in a spiral course until his engine stopped, when he was forced to descend.

Oct. 31, at Belmont park, New York, Ralph Johnstone, in a "baby" Wright roadster, 35 horse power, attained a height of 9,714 feet, thus exceeding Wynmalen's record by 593 feet. The aviator found it exceedingly cold at a height of nearly two miles, but the daring feat was accomplished without any mishap.

Nov. 23, at Philadelphia, J. A. Drexel, in a Bleriot machine, rose to a height of 9,970 feet.

LONGEST SUSTAINED FLIGHTS.

July 10, M. Olieslagers, a Belgian aviator, made a distance of 393 kilometers, or 244.14 miles, in 5 hours 3 minutes 5 seconds at Rheims, France, using a monoplane. This record was surpassed Oct. 28 by Maurice Tabuteau, who remained in the air six hours and covered a distance of 298 miles at the aerodrome in Etampes, France. He was competing for the Michelin cup and used a Farman biplane.

FATAL ACCIDENTS IN 1910.

Jan. 4—Leon Delagrange, France.
April 2—Hubert Le Blon, Spain.
May 13—Chauvette Michelin, France.
June 2—M. Zosily, Hungary.
June 17—Eugene Speyer, California.
June 18—Herr Robl, Germany.
July 3—Charles Wachter, France.
July 10—Daniel Kinet, Belgium.
July 12—Charles S. Rolls, England.
Aug. 3—Nicholas Kinet, Belgium.
Aug. 20—Lieut. Vivaldi, Italy.
Aug. 27—Van Maasdyck, Holland.
Aug. 27—M. Le Gagneux, France.
Sept. 23—George Chavez, Italy.
Sept. 25—Edmond Poillot, France.
Sept. 29—Herr Flochman, Germany.
Oct. 1—Herr Haas, Germany.
Oct. 7—Capt. Matslevitch, Russia.
Oct. 23—Capt. Madiot, France.
Oct. 25—Lieut. Monte, Germany.
Oct. 26—M. Blanchard, France.
Oct. 27—Lieut. Saglietti, Italy.
Nov. 17—Ralph Johnstone, Denver, Col.

CHRONOLOGICAL RECORD (1910).

Jan. 4—Leon Delagrange, noted French aeronaut, killed while making flight at Bordeaux, France.
Jan. 7—Hubert Latham reaches a height of 3,500 feet in an Antoinette monoplane at Mourmelon, France.
Jan. 10-20—Aviation contests held at Los Angeles, Cal.
Jan. 11—Glenn H. Curtiss, at Los Angeles, rises in 98 feet in 6⅘ seconds; quickest start on record.
Jan. 12—Louis Paulhan, at Los Angeles, attains an altitude of 4,165 feet in a Farman biplane.
Jan. 13—Paulhan, at Los Angeles, makes first flight on record with two passengers; uses Farman biplane.
Jan. 18—Paulhan makes cross-country flight at Los Angeles of forty-seven and one-half miles in 1 hour 2 minutes 42⅘ seconds.
Feb. 10—Langley medal of the Smithsonian institution presented to the Wright brothers in Washington, D. C.
March 4—Henry Farman, at Mourmelon, France, with two passengers, flies fourteen miles in 16 minutes 35 seconds; uses new biplane, with monoplane tail.
March 12—Lieut. L. B. Foulois, in a Wright aeroplane, at Fort Sam Houston, Tex., breaks the world's starting record by rising in 65 feet.
April 2—Hubert Le Blon, a French aeroplanist, killed while making exhibition flight at San Sebastian, Spain.
April 8—Daniel Kinet with passenger remains in air 2 hours and 20 minute at Chalons-sur-Marne, France.
April 17—Henri Farman carries a passenger in his aeroplane a distance of forty miles from Etampes to Orleans, France.
April 17—Balloon Delitsch struck by lightning at Bitterfeld, Germany, and four occupants killed.
April 20—Roger Sommer makes a flight of 5 minutes with four passengers on aeroplane at Charleville, France.
April 23—Grahame-White fails in attempt to win $50,000 prize by flying in biplane from London to Manchester, a distance of 186 miles.

April 27-28—Louis Paulhan flies in aeroplane from London to Manchester in 12 hours 10 minutes with one stop, winning $50,000; made 117 miles before landing; total distance, 186 miles.

May 13—Chauvetto Michelin killed at aviation meeting at Lyons, France, by running into derrick with his monoplane.

May 19-20—Lieut. H. E. Honeywell left St. Louis, Mo., May 19 in balloon Centennial and landed at Shiloh, Mich., May 20, after passing over Illinois, part of Wisconsin and Lake Michigan; distance, 450 miles.

May 21—Jacques de Lesseps flies across English channel in a Bleriot monoplane from Calais to Wanston Court farm near Dover; time, 25 minutes.

May 29—Glenn H. Curtiss flies from Albany to New York city in an aeroplane; distance, 137 miles; time, 7 hours 32 minutes; average speed, 54.06 miles an hour; stops made, 1.

June 2—Capt. Charles Stewart Rolls, in a Wright aeroplane, flies from Dover, England, to Calais, France, and back again without alighting, in 90 minutes.

June 2—Zoslly, Hungarian aviator, killed at Budapest by falling with aeroplane from considerable height.

June 9—Officers Marconnet and Feguant of French army aviation corps fly from Chalons-sur-Marne to Paris, 106.5 miles, in 2 hours 50 minutes, without a stop.

June 13—Charles K. Hamilton flies from New York to Philadelphia and back, covering 176 miles in 207 minutes, actual flying time; makes two stops.

June 13—In an aviation meet at Indianapolis, Ind., Walter Brookins, in a Wright aeroplane, attains a height of 4,384½ feet, thus breaking the world's record.

June 17—Walter Brookins, in a Wright aeroplane, again breaks the altitude record by ascending 4,503 feet at Indianapolis, Ind.

June 17—Eugene Speyer killed at San Francisco, Cal., while experimenting with aeroplane glider.

June 18—Herr Robl killed at Stettin, Germany, by falling 250 feet with Farman biplane.

June 23—Capt. S. F. Cody severely injured while making an aeroplane flight at Aldershot, England; falls 100 feet.

June 28—Zeppelin airship, Deutschland, with thirty-three passengers, wrecked in gale of wind near Dusseldorf, Germany; no one injured.

July 3—Charles Wachter killed by falling with monoplane 500 feet at Rheims, France.

July 5—M. Le Blanc, in a Bleriot monoplane at Rheims, France, flies 100 kilometers (62 miles) in 1:16:11. M. Morane, also in Bleriot machine, flies 20 kilometers (12.40 miles) in 13:08.

July 7—M. Olieslagers, at Rheims, France, remains in air 3 hours 45 seconds, covering distance of 155 miles.

July 8—Baroness de la Roche seriously injured by falling with a Voison aeroplane from a height of 150 feet at Rheims, France.

July 9—Walter Brookins, in a Wright biplane, reaches a height of 6,175 feet above sea level at Atlantic City, N. J., breaking the world's record.

July 9—Leon Morane, in a Bleriot monoplane, flies 5 kilometers (3.10 miles) in 2:56 and 10 kilometers (6.20 miles) in 5:47, at Rheims, France.

July 9—M. Labouchere flies 340 kilometers (211.14 miles) in 4:37:45 at Rheims, France.

July 9—M. Mamet, with two passengers, flies 57.59 miles at Rheims, France.

July 10—Olieslagers, in a monoplane, flies 393 kilometers (244.14 miles) in 5:03:05 at Rheims, France.

July 10—Leon Morane, at Rheims, France, flies 5 kilometers (3.10 miles) in 2:48 and 10 kilometers (6.20 miles) in 5:42; average speed in 5 kilometer flight, 68.42 miles an hour.

July 10—Daniel Kinet fatally injured in fall of his aeroplane at Ghent, Belgium, through breaking of rudder; died July 15.

July 11—Glenn Curtiss flies fifty miles in 1:14:59 at Atlantic City, N. J.

July 12—The Hon. Charles Stewart Rolls, well-known English aviator and sportsman, killed by fall while flying with Wright aeroplane at Bournemouth, England.

July 12—Howard W. Gill severely injured by fall of 100 feet with aeroplane at East St. Louis, Ill.

July 13—Oscar Erbsloeh and four other men killed at Leichlingen, Prussia, by collapse of dirigible balloon, Erbsloeh.

July 17—Robert Svendsen flies in an aeroplane across the sound between Copenhagen, Denmark, and Malmo, Sweden, a distance of fourteen miles, in 37 minutes.

July 20—While making a cross-country flight near Barcelona, Spain, Aviator Ehrmann's aeroplane is struck by lightning and falls to ground; Ehrmann escapes injury.

Aug. 1—Mme Franc seriously hurt at Sunderland, England, her Farman biplane colliding with a flagpole and dropping twenty-five feet.

Aug. 3—Nicholas Kinet, Belgian aviator, killed by a fall of 600 feet at Brussels.

Aug. 3—Dr. H. Walden seriously injured at Garden City, L. I., while testing a monoplane; falls from a height of fifty feet.

Aug. 11—J. Armstrong Drexel, American, attains a height of 6,750 feet in an aeroplane flight at Lanark, Scotland.

Aug. 12—M. Lesnyn, Belgian, falls with aeroplane from height of 100 feet and is severely injured.

Aug. 13—James Radley, an English aviator, flies a mile at Lanark, Scotland, in 47⅘ seconds, in a Bleriot monoplane.

Aug. 16-17—John B. Moisant of Chicago, with a passenger, flies from Paris to Deal, England, in a Bleriot machine; Aug 18, reaches Rainham, where he is forced to descend by an accident; Aug. 20, resumes flight.

Aug. 20—Lieut. Vivaldi of the Italian army is killed by a fall in an aeroplane a few miles from Rome, Italy.

Aug. 20—Clifford B. Harmon wins a $2,000 cup by flying from Garden City, L. I., across the sound to Greenwich, Conn., a distance of ten miles in 35 minutes; Farman biplane used.

Aug. 27—Van Maasdyk, Dutch aviator, killed by falling with aeroplane near Arnheim, Holland.

Aug. 27—M. Le Gagneux, French aviator, has skull fractured when his aeroplane strikes post near Havre, France.

Aug. 29—Leon Morane, French aviator, reaches a height of 7,054 feet in a monoplane at Havre, France.

Aug. 31—Glenn H. Curtiss establishes new record for overwater flights by traveling in aeroplane over Lake Erie from Euclid beach, near Cleveland, O., to Cedar Point, O., a distance of approximately sixty miles.

Sept. 1—Glenn H. Curtiss returns over course from Cedar Point to Euclid beach, making total distance traveled over Lake Erie 120 miles.

Sept. 3—M. Bielovucci ends flight from Paris to Bordeaux, France, a distance of 366 miles, making four stops; actual flying time, 7 hours 5 minutes 54 seconds.

Sept. 3—Leon Morane reaches height of 8,471 feet in monoplane flight at Deauville, France.

Sept. 8—George Chavez reaches height of 8,792 feet in a monoplane at Paris, France.

Sept. 9—Charles K. Hamilton seriously injured by fall of his biplane at Sacramento, Cal.

Sept. 11—Robert Loraine, actor-aviator, flies across Irish channel from Holyhead to within sixty yards of Bailey lighthouse on Irish coast, when motor gives out and the machine falls into the sea; Loraine swims ashore; distance of flight, sixty miles.

Sept 12—Ralph Johnstone, in a Wright biplane, at the Boston-Harvard aero meeting, remains in air 3 hours 4 minutes 44⅘ seconds, covering a distance of 97 miles 4,666 feet; both new American records; also made world's record for accuracy in landing.

Sept. 12—Claude Grahame-White flies from Boston-Harvard aero field to Boston light and return twice, a distance of thirty-three miles, in 34 minutes 1⅕ seconds.

Sept. 14—Dirigible balloon Zeppelin VI., burned in Baden-Baden, Germany, through explosion of gasoline tank.

Sept. 23—George Chavez flies across the Alps in monoplane from Switzerland to Italy, following the Simplon pass; Chavez injured in alighting at Domodossola.

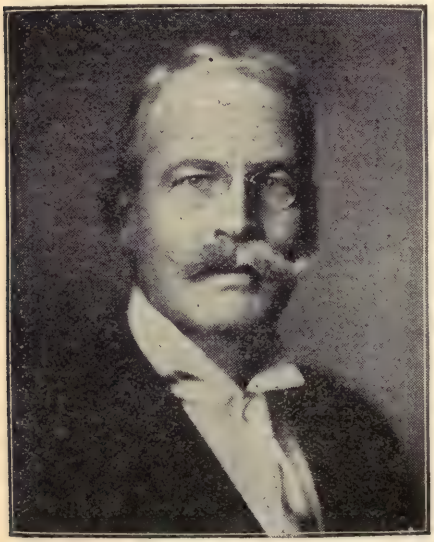
Sept. 25—Edmond Poillot, French aviator, killed at Chartres, France, by falling sixty feet with aeroplane.

Sept. 27—George Chavez dies from injuries received in crossing the Alps.
Sept. 27-28—Walter Brookins makes flights over the business section of Chicago.
Sept. 29—Aviator Flochman dies from injuries received in fall with aeroplane at Mulhausen, Germany.
Sept. 30—Walter Brookins flies in Wright biplane from Chicago to Springfield, Ill., a distance of 187 miles, with only two stops, in 7 hours 9 minutes.
Oct. 1—Wynmalen flies to a height of 9,121 feet at Mourmelon, France.
Oct. 1—Aviator Haas killed while competing in a distance race between Treves and Metz, Germany.
Oct. 1—Aviators Dickson and Thomas seriously injured in collision of aeroplanes at Milan, Italy.
Oct. 4—M. Tabuteau flies from San Sebastian, Spain, to Biarritz, France, crossing the Pyrenees on the way.
Oct. 7—Capt. Matsievitch killed by falling with aeroplane from height of 1,640 feet at St. Petersburg, Russia.
Oct. 8—Arch Hoxsey, in a Wright biplane, flies from Springfield, Ill., to the Country club grounds near the city of St. Louis, Mo., covering the distance of 104 miles without a stop; time, 2 hours 20 minutes.
Oct 9—Eugene Ely starts to fly from Chicago to New York in a Curtiss biplane, but is compelled to descend near Beverly Hills, nine miles from the starting point.
Oct. 11—Ely gives up attempt to fly to New York after a series of mishaps; reaches East Chicago, about twenty miles from starting point.
Oct. 11—Theodore Roosevelt rides as passenger with Arch Hoxsey in Wright aeroplane at St. Louis, Mo.
Oct. 16-17—Henry Wynmalen and M. Le Gagneux, each with a passenger, make aeroplane trip from Paris to Brussels; Wynmalen starts on return trip at once and arrives at Paris at noon Oct. 17.
Oct. 16—Successful aviation week closes at St. Louis, Mo.
Oct. 16—French dirigible balloon Clement Bayard makes trip from Compiegne, France, to London without a stop in six hours; distance, 195 miles.
Oct. 23—Capt. Madiot killed by fall at Douai, France; motor failed to stop.
Oct. 25—Lieut. Monte killed at Magdeburg, Prussia, by falling with biplane; machine turned turtle.
Oct. 25—August Euler flies 3 hours 6 minutes 11 seconds in military aeroplane at Darmstadt, establishing new endurance record for Germany.
Oct. 26—M. Blanchard killed by a fall of 100 feet at Issy-les-Molineux, near Paris, France.
Oct. 27—Lieut. Saglietti killed near Rome, Italy, while maneuvering with a military biplane.
Oct. 28—Maurice Tabuteau flies 298 miles in six hours at Etampes, France, without a stop; breaks world's record for continuous flight.
Oct. 29—Claude Grahame-White of England wins the Gordon Bennett international trophy at Belmont park, New York.
Oct. 31—Ralph Johnstone, in a Wright machine, attains an altitude of 9,714 feet at Belmont park, New York.

BALLOONING.

WELLMAN'S ATTEMPT TO CROSS ATLANTIC.

Walter Wellman attempted to cross the Atlantic in the dirigible balloon America in October, 1910, but failed owing to the faulty action of the



WALTER WELLMAN.
(Moffett photo, Chicago.)

equilibrator, or drag rope, with which the craft was provided, and too strong adverse winds. The start was made from Atlantic City, N. J., Saturday, Oct. 15, at 8 o'clock a. m., and at about the same hour on Tuesday, Oct. 18, the voyage came to an end at a point 375 miles east of Norfolk, Va., and 250 miles northwest of Bermuda. The balloon was then in danger of collapse and the aeronauts abandoned it when the Royal Mail line steamer Trent hove in sight and picked them up. Mr. Wellman's own story of the flight follows:

"After passing Nantucket on Sunday morning we made, as estimated, 140 miles east-northeast, drifting with a fresh breeze without the motor. In the afternoon the wind was westerly, and at 9 p. m. our approximate position was latitude 42, longitude 67. Here the wind shifted to the northwest and blew thirty miles an hour. The America was drifting twenty-five miles an hour. The equilibrator pulled hard, riding over the seas, jerking and shocking the ship and setting up a rolling motion which threatened total destruction. It was a dreadful night, but the entire crew were calm and cheerful. We were greatly exhausted. One after the other went to sleep expecting to wake up in the ocean, but content to only keep above the water. The equilibrator was dragging the America down and threatening to sweep away the lifeboat, our only hope of saving ourselves. All hands agreed to stick by the ship. We threw over gasoline to lighten the ship.

At 8 a. m. on Monday orders were given to start the motor to try to make Europe or the Azores. The wind held favorable, but soon veered to the northeast. The Azores being impossible with the reduced gasoline, it was decided to try to make Bermuda. We drifted to the southwest at about fifteen miles an hour, reserving the motor and gasoline for a final effort, being resolved to hold the ship as long as possible.

"Monday night we jettisoned more gasoline and part of the machinery which was damaged to keep afloat. During the cold night we realized that it was impossible to keep up much longer. All Monday we kept afloat, and none of us thought of giving up before the last hours unless we met a vessel. The great danger was of the equilibrator's smashing or foundering the lifeboat, which was launched with difficulty in the high wind early Tuesday morning. We saw the Trent when it was two hours away. It was our only course to launch the lifeboat in the morning instead of waiting for night, when no help was near. This maneuver was executed cleverly. Capt. Vanniman brought the America down close to the sea and Simons directed the releasing of the boat.

"The equilibrator struck a glancing blow, half capsizing the boat. The America, the lifeboat's weight being removed, rose high and soon disappeared in the distance. The loss of the airship was witnessed with small regret, because it would never be used again. The heavy equilibrator, retarding and dragging down the ship and interfering with the steering, was the fatal mistake of this campaign. It was a trial worth making. We covered 1,000 miles over rough seas."

It was the longest sustained flight, both as to time and distance, ever made by a dirigible, the longest flight ever made over the ocean and one of the most remarkable ever made by any balloon. The only trips that exceeded it in distance were the ones made from France to Russia by Count de la Vaulx in 1900, when 1,193 miles were covered, and by Messrs. Hawley and Post in 1910, when 1,335 miles were made.

The America was originally built for polar work, but had been remodeled and improved. It was a cigar-shaped craft, 228 feet long over all, with a diameter of fifty-two feet. Its lifting capacity when it left Atlantic City was 23,650 pounds. It carried three gasoline engines, two of from eighty to ninety horse power for propulsion and a donkey engine of from ten to twelve horse power. The upward and downward control was managed by mechanism connected with the propellers. Below the car hung the lifeboat made of canvas with a veneer of mahogany and provided with two water-tight compartments.

The car was 156 feet long, the floor serving as a tank for gasoline. Strung beneath the car was a 230-feet-long equilibrator, taking the place of the usual drag rope. It consisted of a long steel cable, to which were attached thirty small steel tanks, each carrying seventy-five pounds of gasoline, and forty wooden blocks. The total amount of gasoline carried was 9,000 pounds.

The commander and crew of the America were as follows: Walter Wellman, commander; Melvin Vanniman, chief engineer; F. Murry Simons, navigator; J. E. Irwin, wireless operator, and Albert Louis Loud and John Aubert, assistant engineers.

CONTEST FOR BENNETT CUP.

The fifth international balloon race for the James Gordon Bennett cup and cash prizes was started from St. Louis, Mo., between 4:30 and 5:55 p. m. Monday, Oct. 17, 1910. Ten balloons, each manned by a pilot and aid, took part in the contest, which proved to be the most remarkable on record. The winning craft, the America II., was not heard from until Wednesday, Oct. 26. It had crossed Illinois, Lake Michigan, the state of Michigan, Lake Huron and the province of Ontario, and had landed in the wilderness at a place about fifty-eight miles north of Chicoutimi, in the province of Quebec, Canada. Alan R. Hawley and Augustus Post, the pilot and aid, had intended to continue on to Labrador, but at 3:45 o'clock on the afternoon of Wednesday, Oct. 19, a storm compelled them to land on the side of a mountain near Lake Piscocama. They spent the night in the basket of the balloon and the next morning started on foot for civilization, heading south. Carrying food and blankets, they made their way by compass through the woods until on the fourth day they came to the hut of a trapper. Here they rested for a day and meeting four French-Canadian hunters were carried by them by canoe to St. Ambroise, Saguenay, and thence by wagon to Chicoutimi, where they arrived on the afternoon of the 26th after a solid week spent in the wilderness. The anxiety caused by their prolonged absence was great and arrangements had been made to search the whole of Canada from Lake Superior to Labrador when telegrams announcing their safety were received. The distance covered by their balloon was 1,171 miles, which broke the record of the Bennett race. The crews, landing places and distances made by the balloons taking part in the race were as follows:

America II. (America); Alan R. Hawley, pilot; Augustus Post, aid; landed at Lake Piscocama, Quebec; distance, 1,171 miles.

Dusseldorf II. (Germany); Hans Gericke, pilot; S. F. Perkins, aid; landed at Kiskisink, Quebec; distance, 1,131 miles.

Germania (Germany); Hugo von Abercroh, pilot; August Blanckertz, aid; landed at Coocoocache, Quebec; distance, 1,079 miles.

Helvetia (Switzerland); Theodore Schaick, pilot; Paul Armbruster, aid; landed at Ville Marie, Quebec; distance, 826 miles.

Harburg III. (Germany); Lieut. Vogt, pilot; W. E. Assmann, aid; landed in Lake Nipissing, Ontario; distance, 766 miles.

Azurea (Switzerland); Emil Messner, pilot; Leon Giraudan, aid; landed near Biscotasing, Ontario; distance, 756 miles.

Isle de France (France); Alfred le Blanc, pilot; Walthier de Mumm, aid; landed at Pogamasing, Ontario; distance, 722 miles.

St. Louis IV. (America); H. F. Honeywell, pilot; J. W. Tolland, aid; landed at Hillman, Mich.; distance, 552 miles.

Condor (France); Jacques Faure, pilot; E. G. Schmolck, aid; landed at Two Rivers, Wis.; distance, 413 miles.

Million Club (America); S. Louis von Phul, pilot; J. M. O'Reilly, aid; landed near Racine, Wis.; distance, 317 miles.

BENNETT CUP RECORD.

Year.	Winner.	Distance.
1906	America (American)	402 miles
1907	Pommern (German)	880 miles
1908	Helvetia (Swiss)	620 miles
1909	America II. (American)	695 miles
1910	America II. (American)	1,171 miles

AIRSHIP PASSENGER SERVICE.

Regular airship passenger service was temporarily established Wednesday, June 22, 1910, when Count Zeppelin's dirigible balloon, the Deutschland, carrying twenty passengers, made a scheduled trip from Friedrichshafen to Dusseldorf, Germany. The distance of 300 miles was made in nine hours, the average speed being approximately thirty-three miles an hour. The best speed for one hour was forty-three and a half miles. The passengers occupied a mahogany-walled cabin between the gondolas and were provided with lunch from a buffet. They included directors of the company owning the airship and a number of guests. Count Zeppelin himself steered the craft most of the way.

June 28, the Deutschland, carrying thirty-three passengers, was wrecked in a gale of wind near Dusseldorf, but no one was injured. The service was discontinued.

AMERICAN CHAMPIONSHIP.

Thirteen balloons started from the speedway at Indianapolis, Ind., Sept. 17, 1910, in a free-for-a l American championship race, the three with the largest mileage to participate in the international race at St. Louis. A. R. Hawley of New York, who covered 453 miles in the America, was first; H. E. Honeywell, who made 379 miles in the St. Louis, was second, and J. S. Wade of Cleveland, who made 371 miles in the Buckeye, was third. The race was under the auspices of the Aero Club of America.

PANAMA CANAL LIBEL SUITS.

In the United States District court in New York city Jan. 26, 1910, Judge Charles M. Hough quashed the indictment against the Press Publishing company, publisher of the New York World, charging Joseph Pulitzer and others with criminal libel against Theodore Roosevelt, William H. Taft, Elihu Root, Douglas Robinson, Charles P. Taft, W. N. Cromwell and J. P. Morgan in connection with the Panama canal purchase. The indictment was brought March 4, 1909. Judge Hough ruled that the statute upon which it rested was not sufficient in authority, or, in effect, that the court had no jurisdiction in the matter.

Similar proceedings against Delavan Smith and Charles R. Williams of the Indianapolis News were dismissed by Judge A. B. Anderson of the United States District court Oct. 12, 1909.

CENSUS BUREAU STATISTICS OF AMERICAN CITIES IN 1907.

City.	*Incorporation.	†Land area.
New York, N. Y.	1653	209,218
Chicago, Ill.	1837	114,932
Philadelphia, Pa.	1701	83,340
St. Louis, Mo.	1822	39,277
Boston, Mass.	1822	26,250
Baltimore, Md.	1796	19,290
Pittsburg, Pa.	1816	23,967
Cleveland, O.	1836	26,179
Buffalo, N. Y.	1832	26,496
San Francisco, Cal.	1850	29,760
Detroit, Mich.	1824	24,889
Cincinnati, O.	1819	27,855
Milwaukee, Wis.	1847	14,081
New Orleans, La.	1805	125,600
Washington, D. C.	1802	38,408
Newark, N. J.	1836	10,679
Minneapolis, Minn.	1867	31,622
Jersey City, N. J.	1827	8,320
Louisville, Ky.	1824	13,094
Indianapolis, Ind.	1851	20,067
St. Paul, Minn.	1854	33,389
Providence, R. I.	1832	11,351
Rochester, N. Y.	1834	12,252
Kansas City, Mo.	1853	16,743
Toledo, O.	1837	16,450
Denver, Col.	1859	37,348
Columbus, O.	1816	10,176
Los Angeles, Cal.	1851	39,174
Worcester, Mass.	1848	23,683
Seattle, Wash.	1869	25,962
Memphis, Tenn.	1849	9,322
Omaha, Neb.	1857	15,380
New Haven, Conn.	1784	11,460
Scranton, Pa.	1866	12,362
Syracuse, N. Y.	1848	10,843
St. Joseph, Mo.	1853	6,110
Paterson, N. J.	1851	5,157
Portland, Ore.	1851	26,742
Atlanta, Ga.	1847	7,680
Richmond, Va.	1782	5,873
Fall River, Mass.	1854	21,723
Nashville, Tenn.	1806	10,932
Dayton, O.	1841	7,213
Grand Rapids, Mich.	1850	10,730

*Earliest. †In acres.

TOTAL PAYMENTS AND RECEIPTS.

City.	Payments.	Receipts.
New York, N. Y.	$433,280,130	$429,477,850
Chicago, Ill.	87,695,310	89,449,525
Philadelphia, Pa.	54,630,372	51,873,739
St. Louis, Mo.	32,869,768	30,458,590
Boston, Mass.	55,714,029	54,381,360
Baltimore, Md.	16,286,023	15,981,702
Pittsburg, Pa.	24,495,922	23,679,898
Cleveland, O.	18,662,349	18,168,858
Buffalo, N. Y.	21,314,304	21,204,551
San Francisco, Cal.	14,042,859	13,124,248
Detroit, Mich.	11,361,216	11,469,819
Cincinnati, O.	16,767,423	17,516,248
Milwaukee, Wis.	12,081,584	11,951,644
New Orleans, La.	14,758,379	14,750,178
Washington, D. C.	15,133,695	14,964,443
Newark, N. J.	21,071,580	20,741,212
Minneapolis, Minn.	7,054,166	7,354,417
Jersey City, N. J.	10,489,860	10,385,282
Louisville, Ky.	10,454,367	11,268,237
Indianapolis, Ind.	4,988,245	4,801,756
St. Paul, Minn.	6,390,977	6,488,715
Providence, R. I.	7,740,646	8,012,903
Rochester, N. Y.	9,826,894	9,967,622
Kansas City, Mo.	$8,593,811	$8,821,461
Toledo, O.	5,005,180	4,923,722
Denver, Col.	8,951,151	9,076,480
Columbus, O.	11,695,524	11,325,521
Los Angeles, Cal.	11,638,629	11,770,207
Worcester, Mass.	6,070,965	5,969,653
Seattle, Wash.	14,385,239	16,393,119
Memphis, Tenn.	3,298,062	3,219,523
Omaha, Neb.	4,459,162	4,636,129
New Haven, Conn.	3,547,202	3,554,908
Scranton, Pa.	2,264,674	2,358,366
Syracuse, N. Y.	5,520,705	5,864,870
St. Joseph, Mo.	1,951,620	1,557,001
Paterson, N. J.	4,434,625	4,590,734
Portland, Ore.	4,712,111	4,624,557
Atlanta, Ga.	3,055,041	2,855,820
Richmond, Va.	4,535,047	4,590,325
Fall River, Mass.	3,673,201	3,837,142
Nashville, Tenn.	2,234,676	2,190,167
Dayton, O.	2,918,186	2,992,763
Grand Rapids, Mich.	3,477,971	3,246,967
Cambridge, Mass.	4,670,819	4,590,378

PAYMENTS FOR SPECIFIED PURPOSES.

City.	Government.	*Protection.	Health.	Highways.	Charities and corrections.	Education.	†Recreation.
New York, N. Y.	$12,035,914	$24,873,578	$10,797,411	$11,904,557	$8,576,643	$27,262,831	$2,751,735
Chicago, Ill.	5,653,944	9,116,554	3,290,604	2,418,723	1,529,133	8,449,188	1,976,447
Philadelphia, Pa.	3,498,024	5,645,737	1,826,879	2,611,191	1,693,365	6,231,390	840,422
St. Louis, Mo.	1,395,363	3,053,115	1,278,754	1,729,082	803,350	2,600,934	256,926
Boston, Mass.	2,209,640	3,826,386	2,051,344	2,111,590	1,892,582	4,175,017	1,021,525
Baltimore, Md.	941,688	2,000,455	731,220	621,952	626,051	1,821,079	256,600
Pittsburg, Pa.	1,249,421	2,044,245	960,057	1,161,344	467,722	2,612,819	249,757
Cleveland, O.	831,577	1,568,746	741,226	826,114	476,001	2,359,302	249,954
Buffalo, N. Y.	752,194	1,817,395	553,432	637,110	517,857	1,611,199	188,604
San Francisco, Cal.	1,243,696	2,398,157	781,644	768,759	570,816	1,647,949	315,484
Detroit, Mich.	811,717	1,563,449	496,144	578,569	345,797	1,606,755	244,462
Cincinnati, O.	750,038	1,375,105	535,751	802,678	531,983	1,620,384	72,137
Milwaukee, Wis.	494,686	1,206,815	584,093	678,811	354,055	1,329,440	98,701
New Orleans, La.	462,383	869,203	656,074	462,377	122,106	767,461	76,230
Washington, D. C.	597,564	1,904,377	704,859	1,068,459	912,915	1,893,217	326,289
Newark, N. J.	383,314	1,211,943	535,277	393,118	250,663	735,396	68,676
Minneapolis, Minn.	187,970	714,464	220,762	634,942	111,086	1,274,238	112,271
Jersey City, N. J.	281,549	860,451	218,999	235,980	67,068	831,441	25,713
Louisville, Ky.	202,289	666,205	279,676	261,093	219,413	780,804	68,992
Indianapolis, Ind.	96,809	670,154	238,583	308,369	70,661	992,006	59,428
St. Paul, Minn.	109,875	468,857	174,914	400,964	68,832	747,732	142,890
Providence, R. I.	222,544	868,960	281,878	518,616	115,816	947,129	70,329
Rochester, N. Y.	246,266	681,607	387,532	398,586	170,247	711,664	89,003
Kansas City, Mo.	312,146	723,770	249,853	251,989	74,077	1,016,551	135,010
Toledo, O.	147,153	416,419	119,906	240,489	34,532	591,764	39,552
Denver, Col.	649,727	594,103	209,609	320,268	229,361	1,065,282	133,792
Columbus, O.	147,255	479,515	170,891	123,105	46,248	627,165	15,487
Los Angeles, Cal.	281,978	853,412	266,768	600,034	34,680	1,467,112	167,827
Worcester, Mass.	113,123	410,225	213,205	296,224	221,320	709,488	36,418
Seattle, Wash.	267,733	481,777	152,356	195,234	21,615	1,020,486	48,719
Memphis, Tenn.	58,765	335,567	156,160	234,395	53,613	281,942	61,863
Omaha, Neb.	147,439	281,395	57,975	163,889	9,442	523,692	23,683
New Haven, Conn.	138,444	433,011	11,714	211,078	104,153	510,301	32,511
Scranton, Pa.	79,036	185,163	59,803	140,872	.....	523,128	8,832
Syracuse, N. Y.	206,643	403,966	232,352	212,968	139,008	547,652	44,648
St. Joseph, Mo.	65,673	204,286	39,447	75,792	15,205	301,995	12,706
Paterson, N. J.	110,483	393,291	114,398	130,533	53,008	505,362	25,506
Portland, Ore.	118,431	436,323	111,694	178,853	1,901	570,231	34,518
Atlanta, Ga.	112,140	386,012	207,795	215,599	107,018	286,907	45,935
Richmond, Va.	114,870	285,304	143,682	176,888	65,040	239,235	53,162
Fall River, Mass.	86,788	294,370	109,364	193,099	108,041	417,598	19,131

City.	Government.	*Protection.	Charities and Health.	Highways.	corrections.	Education.	†Recreation.
Nashville, Tenn.	56,211	248,914	99,549	131,328	29,653	272,821	21,299
Dayton, O.	101,438	329,961	119,926	103,750	74,570	444,895	5,840
Grand Rapids, Mich.	117,833	284,081	130,549	100,946	28,799	538,302	42,970

*Of life and property—police and fire departments. †Parks, gardens, playgrounds, bathing beaches.

RECEIPTS FROM SPECIAL SOURCES.

City.	Taxes.	Licenses.	Waterworks.
New York, N. Y.	$93,413,366	$7,087,760	$10,563,468
Chicago, Ill.	26,422,071	8,212,823	4,654,504
Philadelphia, Pa.	19,217,970	2,399,056	4,024,859
St. Louis, Mo.	11,071,974	1,540,800	1,951,783
Boston, Mass.	20,021,347	1,218,109	2,626,247
Baltimore, Md.	7,285,806	596,589	2,020,262
Pittsburg, Pa.	9,607,983	972,557	1,432,009
Cleveland, O.	7,364,883	1,312,463	1,179,485
Buffalo, N. Y.	6,876,243	379,567	853,254
San Francisco, Cal.	6,207,811	1,558,460	.....
Detroit, Mich.	5,342,932	846,275	664,602
Cincinnati, O.	5,354,425	1,214,344	1,011,096
Milwaukee, Wis.	4,149,666	753,016	614,040
New Orleans, La.	4,657,091	738,933	1,757
Washington, D. C.	4,677,101	628,947	511,896
Newark, N. J.	3,787,723	679,605	1,075,199
Minneapolis, Minn.	3,410,647	482,493	337,547
Jersey City, N. J.	2,189,181	566,717	1,106,143
Louisville, Ky.	2,964 665	310,647	582,978
Indianapolis, Ind.	2,364,834	281,586	4,080
St. Paul, Minn.	2,263,511	411,401	350,463
Providence, R. I.	3,319,371	242,131	748,871
Rochester, N. Y.	$2,865,908	$224.923	$541.898
Kansas City, Mo.	3,040,299	494,572	791,213
Toledo, O.	1,927,689	148,433	238,388
Denver, Col.	3,327,275	413,288	11,869
Columbus, O.	2,038,076	278,007	248,466
Los Angeles, Cal.	3,543,501	698,428	1,035,660
Worcester, Mass.	1,965,737	175,901	390,534
Seattle, Wash.	2,376,303	344,393	648,049
Memphis, Tenn.	1,425,271	108,309	348,983
Omaha, Neb.	1,329,468	223,046	.....
New Haven, Conn.	1,525,279	178,882	.....
Scranton, Pa.	898,110	292,592	.....
Syracuse, N. Y.	1,579,065	163,782	307,749
St. Joseph, Mo.	713,181	116,373	.....
Paterson, N. J.	1,258,486	193,474	.....
Portland, Ore.	1,452,922	430,570	559,531
Atlanta, Ga.	1,193,684	305,783	325,988
Richmond, Va.	1,481,385	161,465	197,103
Fall River, Mass.	1,385,469	156,962	210,899
Nashville, Tenn.	891,460	177,068	230,959
Dayton, O.	1,297,834	176,428	156,813
Grand Rapids, Mich.	918,890	79,475	184,805

LICENSE RECEIPTS SPECIFIED.

City.	Liquor.	Business.	Dog.	Gen'l.	Permits.
New York	$6,158,457	$511,627	.....	.....	$417,676
Chicago,	7,306,802	633,497	$122,916	$11,241	138,367
Philadelphia.	1,926,000	299,535	.....	11,374	162,147
St. Louis	1,178,112	272,911	24,406	37,672	27,699
Boston	1,138,267	43,742	26,480	4,274	5,346
Baltimore	449,587	68,435	26,000	41,184	10,483
Pittsburg	805,036	145,721	7,890	8,760	5,150
Cleveland	1,277,290	15,917	3,850	1,090	14,316
Buffalo	269,456	70,122	7,486	19,527	12,976
San F'ncisco	1,187,375	302,096	8,186	8,779	52,024
Detroit	789,342	31,787	5,752	2,324	17,070
Cincinnati	1,064,288	71,842	7,513	61,903	8,798
Milwaukee	468,030	240,777	22,006	1,665	20,538
New Orleans	430,214	287,715	3,054	4,910	13,040
Washington	479,248	122,085	21,583	.....	14,831
Newark	620,540	36,410	1,079	.....	21,276
Minneapolis	434,000	29,887	3,396	2,306	12,904
Jersey City	526,568	18,634	2,406	.....	19,109
Louisville	138,915	156,160	7,240	8,332	.....
Indianapolis	196,050	45,105	9,139	16,353	14,939
St. Paul	391,000	16,012	797	199	3,993
Providence	190,625	37,763	11,723	.....	2,020
Rochester	$205,948	$12,233	$6,742	.....	.....
Kansas City	312,250	153,631	13,335	$6,482	$8,874
Toledo	139,655	7,812	39	.....	927
Denver	316,740	65,173	9,275	8,875	13,225
Columbus	244,362	21,678	953	9,403	1,611
Los Angeles	411,885	223,311	15,844	.....	41,388
Worcester	164,160	7,834	3,155	752	.....
Seattle	299,835	37,977	6,198	.....	383
Memphis	23,358	78,486	788	.....	5,677
Omaha	193,650	14,899	3,162	.....	11,335
New Haven	160,069	5,107	5,652	726	7,328
Scranton	254,724	28,272	4,072	820	4,704
Syracuse	146,448	11,770	5,549	.....	15
St. Joseph	81,428	25,991	1,802	4,388	2,764
Paterson	163,780	17,656	6,319	.....	5,719
Portland	330,241	83,080	6,420	.....	5,829
Atlanta	135,613	169,681	.....	489	.....
Richmond	66,250	88,206	7,609	.....	.....
Fall River	150,232	6,027	.....	703	.....
Nashville	68,682	105,404	.....	.....	2,982
Dayton	163,097	7,734	1,060	2,867	1,650
Gr'd Rapids.	61,144	12,695	3,819	.....	1,827

PER CAPITA RECEIPTS AND EXPENDITURES IN 1907.

In cities of 100,000 or more inhabitants.

	Per Capita Receipts				Per Capita Expenditures						
City.	Property taxes.	Other taxes.	Liquor licenses.	Other licenses and permits.	Administration.	Police.	Fire.	Health.	Highways.	Charities and corrections.	Recreation parks, etc.	Schools†
New York	$20.89	$1.21	$1.46	$0.22	$2.85	$3.37	$1.85	$0.57	$2.82	$2.03	$0.65	$6.14
Chicago	12.44	0.09	3.47	0.43	2.68	2.64	1.42	0.23	1.15	0.73	0.94	3.86
Philadelphia	13.62	0.03	1.31	0.32	2.39	2.45	0.94	0.24	1.78	1.15	0.57	4.04
St. Louis	14.94	1.79	1.73	0.55	2.11	2.72	1.67	0.22	2.61	1.21	0.39	3.79
Boston	29.94	2.67	1.87	0.13	3.63	3.27	2.49	0.40	3.47	3.11	1.68	6.35
Baltimore	11.97	1.02	0.80	0.26	1.68	2.15	1.27	0.21	2.18	0.88	0.47	4.47
Pittsburg	18.04	0.04	1.51	0.32	2.35	1.77	1.64	0.32	1.33	0.48	0.47	4.46
Cleveland	15.48	.....	2.68	0.07	1.75	1.59	1.55	0.27	1.74	1.00	0.53	4.61
Buffalo	17.36	0.42	0.70	0.28	1.95	2.27	2.21	0.25	1.65	1.34	0.49	3.91
San Francisco	..*..	.....	..*..	..*..	..*..	..*..	..*..	..*..	..*..	..*..	..*..	..*..
Detroit	14.54	.....	2.15	0.15	2.21	2.03	2.03	0.14	1.03	0.94	0.67	4.14
Cincinnati	15.42	.....	3.07	0.43	2.16	1.96	1.76	0.18	2.31	1.53	0.21	4.29
Milwaukee	12.74	0.13	1.45	0.88	1.53	1.53	2.02	0.17	2.10	1.10	0.31	3.88
New Orleans	14.48	.....	1.35	0.97	1.45	1.01	1.58	0.41	1.45	0.38	0.24	2.34
Washington	13.12	1.85	1.51	0.51	1.91	3.42	1.84	0.29	3.42	2.92	1.04	5.89
Newark	12.56	0.10	2.10	0.20	1.30	2.17	1.82	0.31	1.33	0.85	0.23	5.61
Minneapolis	11.84	0.10	1.52	0.17	0.66	1.00	1.39	0.12	2.22	0.39	0.39	4.26
Jersey City	7.46	1.52	2.17	0.17	1.16	2.18	1.31	0.09	0.97	0.28	0.11	3.30
Louisville	12.91	.....	0.61	0.75	0.88	1.36	1.46	0.12	1.14	0.96	0.30	3.23
Indianapolis	10.31	.....	0.86	0.38	0.43	1.13	1.72	0.15	1.35	0.31	0.26	4.16
St. Paul	10.69	0.06	1.86	0.10	0.52	1.02	1.13	0.11	1.90	0.33	0.68	3.37
Providence	15.85	.....	0.92	0.25	1.08	2.01	2.63	0.25	2.50	0.56	0.34	4.44
Rochester	14.73	0.41	1.09	0.10	1.30	1.63	1.87	0.27	2.10	0.90	0.47	3.76
Kansas City	15.98	0.41	1.68	0.98	1.68	1.92	1.33	0.19	1.36	0.40	0.73	5.26

City.	Per Capita Receipts: Property taxes.	Other taxes.	Liquor licenses.	Other licenses and permits.	Per Capita Expenditures: Administration.	Police.	Fire.	Health.	Highways.	Charities and corrections.	Recreation parks, etc.	Schools†
Toledo	11.71	.....	0.85	0.05	0.39	1.02	1.38	0.17	1.46	0.21	0.24	3.48
Denver	21.67	.....	2.06	0.63	4.23	1.53	2.11	0.44	2.09	1.49	0.87	6.72
Columbus	13.70	.....	1.64	0.23	0.99	1.34	1.78	0.18	0.96	0.31	0.10	4.10
Los Angeles	*...	*...	*...	*...	*...	*...	*...	*...	*...	*...	*...	*...
Worcester	12.74	1.62	1.24	0.09	0.86	1.34	1.69	0.31	2.24	1.68	0.28	5.01
Seattle	*...	*...	*...	*...	*...	*...	*...	*...	*...	*...	*...	*...
Memphis	11.97	.....	0.18	0.66	0.46	1.16	1.28	0.27	1.82	0.42	0.48	2.11
Omaha	10.41	.....	1.52	0.23	1.15	0.74	1.24	0.14	1.28	0.07	0.19	3.97
New Haven	11.93	0.36	1.30	0.15	1.12	1.87	1.58	0.11	1.71	0.84	0.26	4.00
Scranton	7.07	0.03	2.10	0.31	0.65	0.71	0.70	0.10	1.16	.....	0.07	4.22
Syracuse	12.67	0.42	1.21	0.14	1.71	1.45	1.79	0.36	1.77	1.15	0.37	4.29
St. Joseph	5.76	0.16	0.68	0.29	0.54	0.70	0.95	0.08	0.63	0.13	0.11	2.38
Paterson	10.92	0.06	1.44	0.26	0.97	1.48	1.95	0.17	0.88	0.46	0.22	4.28
Portland	12.89	.....	2.93	0.89	1.05	1.31	2.41	0.11	1.59	0.02	0.31	4.87
Atlanta	10.73	0.25	1.26	1.59	1.05	1.99	1.51	0.23	2.01	1.00	0.43	2.54
Richmond	1.39	.....	0.62	0.90	1.08	1.36	1.20	0.21	1.67	0.61	0.50	2.14
Fall River	11.70	0.87	1.42	0.06	0.82	1.39	1.36	0.14	1.82	1.02	0.18	3.75
Nashville	8.47	.....	0.65	1.03	0.53	1.10	1.21	0.15	1.25	0.28	0.20	2.51
Dayton	12.57	.....	1.58	0.13	0.98	1.54	1.57	0.11	1.00	0.72	0.06	4.16
Grand Rapids	9.62	.....	0.60	0.18	1.16	1.10	1.65	0.37	0.99	0.28	0.42	4.92

*Not computed. Population not estimated. †Cost of maintenance and operation.

DEBT, VALUATION AND TAXATION.

City.	Gross Debt: Total.	Per capita.	Property valuation.	Per Cent of Full Value: Real.	Personal.	Valuation per capita.	Tax rate per $1.000 assessed value.	Property tax per capita
New York, N. Y.	$798,679,054	$189.01	$7,796,175,039	100	100	$1,844.95	$14.99	$25.26
Chicago, Ill.	84,449,874	40.07	477,921,976	15	15	226.76	67.79	15.51
Philadelphia, Pa.	74,387,488	50.73	1,237,287,123	100	100	877.85	14.65	12.85
St. Louis, Mo.	18,640,951	28.17	571,791,577	60	25	864.17	20.00	16.07
Boston, Mass.	105,092,706	172.52	1,315,709,757	100	100	2,159.82	14.80	31.98
Baltimore, Md.	48,070,933	85.67	626,756,439	100	100	1,116.97	19.31	14.89
Pittsburg, Pa.	42,813,778	80.55	686,742,887	80	80	1,292.02	15.68	20.06
Cleveland, O.	32,844,514	69.02	240,262,315	60	60	504.90	31.75	16.08
Buffalo, N. Y.	22,464,303	58.09	325,776,081	75	75	842.86	21.42	16.83
San Francisco, Cal.	4,922,874	*	454,708,331	50	20	*	15.00	*
Detroit, Mich.	12,250,942	33.34	339,217,590	100	100	923.06	15.34	14.86
Cincinnati, O.	50,516,043	145.53	242,988,590	60	60	700.01	27.82	19.52
Milwaukee, Wis.	10,656,231	33.04	216,975,945	55	55	672.77	22.76	15.31
New Orleans, La.	28,188,326	88.46	217,366,255	75	75	682.14	22.00	15.01
Washington, D. C.	14,296,893	45.74	277,727,824	67	100	888.59	15.00	13.33
Newark, N. J.	26,412,546	89.24	295,787,923	100	100	999.35	11.64	11.64
Minneapolis, Minn.	11,712,098	41.00	177,499,018	60	60	621.33	22.30	13.22
Jersey City, N. J.	20,826,900	85.64	267,039,754	100	100	1,098.00	11.54	12.67
Louisville, Ky.	10,275,574	44.75	166,302,330	70	70	724.32	18.00	13.04
Indianapolis, Ind.	4,085,442	17.94	174,244,325	70	70	765.24	15.00	11.48
St. Paul, Minn.	10,544,651	50.07	108,549,241	50	50	515.41	20.17	10.10
Providence, R. I.	18,769,852	90.30	230,683,760	100	100	1,109.86	14.70	16.31
Rochester, N. Y.	13,216,433	69.79	159,045,153	80	80	839.80	19.03	15.08
Kansas City, Mo.	8,436,128	45.48	144,548,041	50	50	779.32	23.61	18.31
Toledo, O.	9,196,918	55.85	78,984,280	60	60	479.64	26.65	12.81
Denver, Col.	4,958,510	32.30	118,921,855	50	30	774.61	30.45	23.59
Columbus, O.	14,562,500	97.92	87,307,905	60	60	587.05	23.26	13.69
Los Angeles, Cal.	8,962,082	*	267,126,304	50	33	*	13,72	*
Worcester, Mass.	8,700,923	65.91	124,841,138	100	100	945.62	13.71	12.98
Seattle, Wash.	17,812,180	*	155,751,045	60	60	*	21.79	*
Memphis, Tenn.	6,673,556	51.81	72,235,336	60	40	560.84	19.70	11.05
Omaha, Neb.	7,228,766	56.58	23,457,487	20	20	183.59	63.40	11.64
New Haven, Conn.	3,876,717	31.41	116,312,984	100	100	942.36	13.88	13.08
Scranton, Pa.	2,960,651	24.40	66,757,430	80	80	550.15	12.81	7.05
Syracuse, N. Y.	8,487,674	70.36	104,977,771	92	100	870.24	17.38	14.02
St. Joseph, Mo.	1,993,767	16.55	34,261,501	60	60	284.32	21.00	6.06
Paterson, N. J.	4,934,878	43.26	90,707,516	100	100	795.18	12.95	10.30
Portland, Ore.	8,108,434	71.91	166,661,695	70	25	1,478.06	9.00	13.42
Atlanta, Ga.	3,713,265	34.62	91,840,350	60	60	856.20	12.50	10.70
Richmond, Va.	8,505,118	80.07	105,811,707	75	100	996.09	14.00	13.95
Fall River, Mass.	6,077,783	57.27	84,730,844	100	100	798.44	15.61	12.50
Nashville, Tenn.	4,804,889	45.64	62,619,338	75	75	594.80	14.48	8.01
Dayton, O.	4,660,846	45.14	56,581,280	60	60	548.01	23.40	12.82
Grand Rapids, Mich.	2,664,534	26.17	78,834,500	80	80	774.16	11.48	8.89

*Not computed.

POLICE, FIRE AND HEALTH DEPARTMENTS.

City.	Police.	Arrests.	Liquor dealers.	Firemen.	Fire losses.	Health insptrs.	Health appropriation.
New York, N. Y.	9,604	204,119	12,485	4,624	$9,413,042	198	$2,257,181
Chicago, Ill.	4,529	63,435	7,757	1,757	3,937,105	92	848,966
Philadelphia, Pa.	3,201	85,363	2,584	965	2,106,955	62	1,417,226
St. Louis, Mo.	1,788	32,959	2,219	736	1,695,846	81	442,947
Boston, Mass.	1,386	57,078	1,261	980	2,314,516	29	240,880
Baltimore, Md.	1,026	34,574	2,433	627	890,002	36	123,575
Pittsburg, Pa.	873	49,167	818	678	713,642	58	406,431
Cleveland, O.	635	30,418	1,923	515	515,194	71	123,308
Buffalo, N. Y.	780	28,628	1,616	655	1,162,350	30	*$1,362

City.	Police.	Arrests.	Liquor dealers.	Firemen.	Fire losses.	Health insptrs.	Health appropriation.
San Francisco, Cal.	843	38,929	2,375	604	1,407,754	24	65,600
Detroit, Mich.	680	11,291	1,766	647	1,643,480	32	53,913
Cincinnati, O.	561	14,346	1,557	448	1,971,217	32	65,080
Milwaukee, Wis.	404	8,277	2,495	454	531,681	25	200,000
New Orleans, La.	342	29,577	1,717	341	709,228	53	78,000
Washington, D. C.	785	33,415	664	434	220,827	23	90,960
Newark, N. J.	554	10,178	1,459	353	657,370	33	91,750
Minneapolis, Minn.	270	8,442	434	378	1,048,838	13	85,000
Jersey City, N. J.	453	9,375	1,068	215	319,746	7	97,219
Louisville, Ky.	340	7,907	926	293	722,445	9	19,500
Indianapolis, Ind.	252	13,469	751	259	181,756	13	106,939
St. Paul, Minn.	210	5,941	391	229	534,514	16	37,000
Providence, R. I.	356	12,953	693	324	435,139	4	65,000
Rochester, N. Y.	255	7,971	574	301	493,978	12	43,600
Kansas City, Mo.	367	10,383	623	297	541,886	26	65,000
Toledo, O.	154	5,262	560	193	121,192	18	23,487
Denver, Col.	218	10,607	628	196	290,572	16	93,500
Columbus, O.	200	5,553	489	210	567,986	14	29,593
Los Angeles, Cal.	336	19,235	399	264	626,998	30	107,403
Worcester, Mass.	170	6,026	189	238	152,595	8	80,944
Seattle, Wash.	221	14,107	348	237	337,517	17	36,820
Memphis, Tenn.	143	5,122	562	139	950,814	21	150,000
Omaha, Neb.	102	9,387	307	172	217,204	14	16,900
New Haven, Conn.	193	5,473	484	192	168,086	7	26,350
Scranton, Pa.	87	5,375	263	122	236,792	4	12,321
Syracuse, N. Y.	147	5,560	456	156	332,438	12	55,925
St. Joseph, Mo.	89	5,303	179	74	68,915	2	13,692
Paterson, N. J.	154	4,280	557	134	102,662	5	14,799
Portland, Ore.	130	13,177	481	236	424,183	2	32,446
Atlanta, Ga.	210	24,882	132	147	225,237	19	34,437
Richmond, Va.	112	9,602	279	147	278,356	11	32,558
Fall River, Mass.	144	4,545	150	146	275,013	4	11,035
Nashville, Tenn.	121	11,329	131	119	265,096	11	14,000
Dayton, O.	156	6,244	335	154	124,818	7	9,214
Grand Rapids, Mich.	121	3,272	219	155	145,878	9	91,259

STREETS AND SEWERS.

City.	Street mileage. Paved.	Unpaved.	R. R. crossings (grade).	Cost of street cleaning.	Cost of street lighting.	Sewers (miles).	Streets spkld. (miles).
New York, N. Y.	1,908	1,252	355	$6,941,912	$5,084,908	1,334	1,988
Chicago, Ill.	1,628	2,675	1,754	753,419	1,273,665	1,724	264
Philadelphia, Pa.	1,307	472	443	907,624	1,533,414	1,003	1,090
St. Louis, Mo.	712	530	38	697,524	628,514	639	532
Boston, Mass.	506	5	26	538,542	840,017	729	465
Baltimore, Md.	507	42	207	361,968	273,286	62	1
Pittsburg, Pa.	464	520	105	406,203	494,657	511	30
Cleveland, O.	328	332	180	215,844	295,844	448	*
Buffalo, N. Y.	363	350	222	189,683	186,153	502	23
San Francisco, Cal.	299	501	84	285,590	263,803	351	161
Detroit, Mich.	378	284	140	308,963	.....	596	*
Cincinnati, O.	476	261	112	336,916	418,034	301	79
Milwaukee, Wis.	429	192	75	129,380	326,226	405	430
New Orleans, La.	222	317	274	138,993	215,876	420	40
Washington, D. C.	326	125	46	285,366	364,308	521	49
Newark, N. J.	182	87	95	237,918	244,194	253	246
Minneapolis, Minn.	116	462	379	86,692	250,659	224	312
Jersey City, N. J.	122	81	73	119,902	156,436	120	17
Louisville, Ky.	261	190	260	97,851	155,990	117	42
Indianapolis, Ind.	252	218	229	96,361	124,193	184	204
St. Paul, Minn.	98	946	49	62,031	197,271	233	178
Providence, R. I.	234	10	6	69,386	277,253	219	38
Rochester, N. Y.	171	166	66	133,609	228,739	254	131
Kansas City, Mo.	278	185	97	154,777	120,478	314	50
Toledo, O.	166	218	297	50,374	109,256	212	5
Denver, Col.	113	1,109	317	104,574	107,366	365	94
Columbus, O.	143	244	24	67,640	65,226	188	19
Los Angeles, Cal.	465	409	159	88,362	184,590	304	332
Worcester, Mass.	135	66	28	43,764	124,357	183	84
Seattle, Wash.	127	1,382	121	86,789	62,082	194	*
Memphis, Tenn.	118	221	135	43,059	71,735	250	130
Omaha, Neb.	101	285	129	33,210	61,319	172	12
New Haven, Conn.	80	124	12	52,662	82,198	111	160
Scranton, Pa.	25	147	36	21,572	64,811	101	3
Syracuse, N. Y.	61	210	85	99,537	92,101	146	83
St. Joseph, Mo.	72	213	70	20,245	25,018	76	5
Paterson, N. J.	80	72	54	43,426	83,148	88	17
Portland, Ore.	292	482	124	70,894	73,833	181	230
Atlanta, Ga.	97	128	19	38,320	93,256	139	22
Richmond, Va.	130	50	68	58,046	78,586	100	5
Fall River, Mass.	113	29	1	35,217	89,598	69	91
Nashville, Tenn.	219	131	46	44,339	58,428	88	160
Dayton, O.	388	52	74	75,218	60,681	203	54
Grand Rapids, Mich.	182	113	107	38,004	40,156	168	182

*Not reported.

PUBLIC PARKS AND PLAYGROUNDS.

City.	Parks. Acres.	Playgrounds. No.	Playgrounds. Acres
New York, N. Y.	7,197	117	353
Chicago, Ill.	3,412	22	184
Philadelphia, Pa.	4,175	57	36
St. Louis, Mo.	2,198	11	8
Boston, Mass.	2,756	23	249
Baltimore, Md.	2,072	29	229
Pittsburg, Pa.	1,275	13	3
Cleveland, O.	1,689	20	40
Buffalo, N. Y.	1,052	6	7
San Francisco, Cal.	1,399	1	69
Detroit, Mich.	1,199	11	40
Cincinnati, O.	460	8	23
Milwaukee, Wis.	811	9	31
New Orleans, La.	1,218	...	...
Washington, D. C.	2,245	31	28
Newark, N. J.	3,637	21	20
Minneapolis, Minn.	1,927	6	5
Jersey City, N. J.	247	3	16
Louisville, Ky.	1,320	4	30
Indianapolis, Ind.	1,317	5	423
St. Paul, Minn.	1,401	4	10
Providence, R. I.	644	11	15
Rochester, N. Y.	1,456	8	14
Kansas City, Mo.	2,055	6	25
Toledo, O.	924	2	2
Denver, Col.	1,037	2	7
Columbus, O.	196	...	...
Los Angeles, Cal.	3,768	9	30
Worcester, Mass.	1,072	...	...
Seattle, Wash.	640	3	20
Memphis, Tenn.	973	...	...
Omaha, Neb.	613	1	2
New Haven, Conn.	1,023	10	22
Scranton, Pa.	97	...	...
Syracuse, N. Y.	292	...	...
St. Joseph, Mo.	27	...	...
Paterson, N. J.	91	...	...
Portland, Ore.	276	1	1
Atlanta, Ga.	339	4	6
Richmond, Va.	377	...	...
Fall River, Mass.	99	1	1
Nashville, Tenn.	120	...	...
Dayton, O.	46	1	2
Grand Rapids, Mich.	192	2	2

AREA OF THE UNITED STATES IN SQUARE MILES.

State or Territory.	Total.	Land.	Water.
Alabama	51,998	51,279	719
Arizona	113,956	113,840	116
Arkansas	53,335	52,525	810
California	158,297	156,092	2,205
Colorado	103,948	103,658	290
Connecticut	4,965	4,820	145
Delaware	2,370	1,965	405
District of Columbia	70	60	10
Florida	58,666	54,861	3,805
Georgia	59,265	58,725	540
Idaho	84,313	83,779	534
Illinois	56,665	56,002	*663
Indiana	36,354	35,885	*469
Iowa	56,147	55,586	561
Kansas	82,158	81,774	384
Kentucky	40,598	40,181	417
Louisiana	48,506	45,409	3,097
Maine	33,040	29,895	3,145
Maryland	12,327	9,941	2,386
Massachusetts	8,266	8,039	227
Michigan	57,980	57,480	*500
Minnesota	84,682	80,858	*3,824
Mississippi	46,865	46,362	503
Missouri	69,420	68,727	693
Montana	146,572	145,776	796
Nebraska	77,520	76,808	712
Nevada	110,690	109,821	869
New Hampshire	9,341	9,031	310
New Jersey	8,224	7,514	710
New Mexico	122,634	122,503	131
New York	49,204	47,654	*1,550
North Carolina	52,426	48,740	3,686
North Dakota	70,837	70,183	654
Ohio	41,040	40,740	*300
Oklahoma	70,057	69,414	643
Oregon	96,699	95,607	1,092
Pennsylvania	45,126	44,832	*294
Rhode Island	1,248	1,067	181
South Carolina	30,989	30,495	494
South Dakota	77,615	76,868	747
Tennessee	42,022	41,687	335
Texas	265,896	262,398	3,498
Utah	84,990	82,184	2,806
Vermont	9,564	9,124	440
Virginia	42,627	40,262	2,365
Washington	69,127	66,836	2,291
West Virginia	24,170	24,022	148
Wisconsin	56,066	55,256	*810
Wyoming	97,914	97,594	320
Alaska	590,884	.....	.....
Hawaii	6,449	.....	.....
United States	3,624,122	.....	.....
Continental U. S.	3,026,789	2,974,159	†52,630

*Exclusive of areas in great lakes. These are as follows: Illinois, 1,674 square miles in Lake Michigan; Indiana, 230 in Lake Michigan; Michigan, 16,653 in Lake Superior, 12,922 in Lake Michigan, 9,925 in Lake Huron and 460 in Lakes St. Clair and Erie; Minnesota, 2,514 in Lake Superior; New York, 3,140 in Lakes Ontario and Erie; Ohio, 3,443 in Lake Erie; Pennsylvania, 891 in Lake Erie; Wisconsin, 2,378 in Lake Superior and 7,500 in Lake Michigan. †Does not include the water surface of the oceans nor the Gulf of Mexico lying within the jurisdiction of the United States.

NOTE—The areas of the United States and insular possessions have been computed generally by planimeter measurements from the latest maps. Slight differences in the figures published hitherto by the geological survey, general land office and the bureau of the census, due principally to variations in the maps used, were adjusted at a recent conference of representatives of these bureaus and an agreement was reached in regard to the areas. The figures agreed upon are those given in the foregoing table.

AREA BY FEDERAL CENSUS YEARS.

Excluding Alaska and islands, the gross area at each census from 1790 to 1900 compares as follows:

Census year.	Sq. miles.	Census year.	Sq. miles.	Census year.	Sq. miles.	Census year.	Sq. miles.
1910	3,026,789	1870	3,026,789	1840	1,793,299	1810	1,734,633
1900	3,026,789	1860	3,026,789	1830	1,793,299	1800	843,246
1890	3,026,789	1850	2,995,772	1820	1,793,299	1790	827,844
1880	3,026,789						

ANNUAL PAY OF EUROPEAN SOVEREIGNS AND PRESIDENTS.

Austria-Hungary—$4,250,000.
Belgium—$710,000; large income from various sources.
Bulgaria—$390,000.
Denmark—$270,000.
France—$120,000; expenses, $120,000.
Germany: Prussia—$3,772,631.
Bavaria—$1,296,604.
Saxony—$852,000.
Wurttemberg—$485,975.
Great Britain—$2,350,000; annuities to members of royal family, $530,000.
Greece—$260,000.
Italy—$3,010,000.
Netherlands—$260,000; large income from royal domains.
Norway—$189,000.
Portugal—$525,000.
Roumania—$240,000.
Russia—$8,497,000 (estimated).
Servia—$240,000.
Spain—$1,400,000, exclusive of allowances to royal family.
Turkey—$4,500,000.

UNITED STATES PENSION STATISTICS.

PENSIONERS ON THE ROLL JUNE 30, 1910, AND JUNE 30, 1909.

	1910.	1909.	Gain.	Loss.
Revolutionary war—Daughter	1	1	.....	.....
War of 1812—Widows	338	395	.....	57
Indian Wars—Survivors	1,560	1,744	.....	184
Widows	2,822	2,881	.....	59
War with Mexico—Survivors	2,042	2,459	.....	417
Widows	6,359	6,633	.....	274
Civil War—Act of Feb. 6, 1907	362,433	358,315	4,118	.....
General law—Invalids	121,581	131,065	.....	9,484
Widows	70,587	73,356	.....	2,769
Minor children	445	498	.....	53
Mothers	2,391	2,996	.....	605
Fathers	368	493	.....	125
Brothers, sisters, sons and daughters	300	280	20	.....
Helpless children	533	514	19	.....
Act of June 27, 1890—Invalids	78,601	104,581	.....	25,980
Minor children	4,009	4,010	.....	1
Helpless children	335	323	12	.....
Act of April 19, 1908—Widows	220,826	211,781	9,045	.....
Army nurses	442	478	.....	36
War with Spain—Invalids	22,783	21,967	816	.....
Widows	1,183	1,159	24	.....
Minor children	330	333	.....	3
Mothers	3,072	3,097	.....	25
Fathers	512	529	.....	17
Brothers and sisters	7	8	.....	1
Helpless children	2	2	.....	.....
Regular establishment—Invalids	13,180	12,426	754	.....
Widows	2,727	2,648	79	.....
Minor children	136	129	7	.....
Mothers	1,011	923	88	.....
Fathers	152	154	.....	2
Brothers and sisters	7	7	.....	.....
Helpless children	8	9	.....	1
Total	921,083	946,194	14,982	40,093
Net loss			.....	25,111

AVERAGE VALUE OF EACH PENSION FOR THE LAST FIVE YEARS.

Av. annual value of each pension.	1910. $171.90	1909. $169.82	1908. $167.59	1907. $145.60	1906. $138.18
Reg. establishm't	173.26	181.77	173.76	173.12	173.35
General law, civil war	224.44	219.96	215.30	204.20	191.43
Act of June 27, 1890	139.95	135.55	130.75	112.32	114.23
War with Spain	127.52	126.83	126.87	127.19	127.33
Act of Feb. 6, 1907	170.91	169.40	167.70	170.09	.....
Act of April 19, 1908	145.16	145.42	145.10	.....	.....

DISBURSEMENTS AT PENSION AGENCIES.

Fiscal year ended June 30, 1910.

Agency.	Pensioners.	Pensions paid.	Grand total.*
Augusta	15,897	$2,927,653.23	$2,939,485.89
Boston	56,668	9,429,573.00	9,456,491.79
Buffalo	39,941	6,970,003.72	6,994,048.25
Chicago	72,102	12,518,771.87	12,551,637.16
Columbus	90,490	16,228,624.83	16,268,067.26
Concord	14,845	2,771,998.71	2,783,416.71
Des Moines	51,314	8,933,999.82	8,960,888.21
Detroit	38,330	6,930,755.84	6,952,815.24
Indianapolis	57,518	10,790,095.58	10,816,050.57
Knoxville	61,276	10,105,939.03	10,134,408.73
Louisville	24,933	4,283,036.00	4,299,084.96
Milwaukee	46,989	8,310,174.29	8,333,492.90
New York	52,074	8,674,066.42	8,706,388.50
Philadelphia	54,822	9,093,157.22	9,120,031.36
Pittsburg	41,868	7,237,162.71	7,261,535.04
San Francisco	44,037	7,288,819.91	7,312,638.95
Topeka	105,975	18,370,036.00	18,413,515.47
Washington	52,004	9,108,147.00	9,325,560.63
Total	921,083	159,972,015.18	160,629,587.62

*Includes salaries, clerk hire, rents, surgeons' fees and contingent expenses.

PENSIONERS BY STATE OR COUNTY IN 1910.

State.	No.	Amount.
Alabama	3,707	$617,186.76
Alaska	89	13,414.40
Arizona	897	145,805.88
Arkansas	10,691	1,803,715.28
California	28,762	4,808,471.51
Colorado	9,400	1,430,628.41
Connecticut	11,531	1,882,315.04
Delaware	2,629	459,518.41
Dist. Columbia	8,532	1,507,915.69
Florida	4,244	724,581.33
Georgia	3,410	560,331.05
Idaho	2,479	421,141.78
Illinois	63,788	11,074,860.89
Indiana	56,416	10,546,090.58
Iowa	32,596	5,676,676.15
Kansas	35,506	6,690,817.32
Kentucky	24,398	4,211,477.00
Louisiana	6,368	950,875.63
Maine	16,577	3,028,958.80
Maryland	12,400	2,171,842 44
Massachusetts	38,904	6,506,307.37
Michigan	38,444	6,974,115.59
Minnesota	15,199	2,650,358.70
Mississippi	4,682	756,230.45
Missouri	45,873	8,185,318.43
Montana	2,408	407,301.11
Nebraska	15,182	2,641,628.99
Nevada	453	73,009.56
N. Hampshire	7,384	1,333,531.17
New Jersey	21,384	3,426,980.20
New Mexico	2,240	351,370.40
New York	78,227	13,610,891.92
North Carolina	4,005	667,520.29
North Dakota	2,241	405,283.51
Ohio	89,227	16,008,017.32
Oklahoma	13,097	1,797,189.01
Oregon	8,101	1,337,655.74
Pennsylvania	89,828	15,130,145.27
Rhode Island	5,208	864,994.55
South Carolina	1,974	291,751.80
South Dakota	4,863	790,175.76
Tennessee	18,478	3,158,330.12
Texas	9,177	1,431,850.72
Utah	1,106	190,795.11
Vermont	7,487	1,437,346.79
Virginia	8,652	1,519,477.56
Washington	11,213	1,863,659.62
West Virginia	11,930	2,095,288.37
Wisconsin	23,528	4,261,565.25
Wyoming	1,043	180,248.79
Total	915,968	159,074,963.95
INSULAR POSSESSIONS.		
Hawaii	77	13,064.76
Philippines	44	10,359.32
Porto Rico	32	5,370.00
Total	153	28,794.08
FOREIGN COUNTRIES.		
Algeria	1	144.00
Argentina	12	2,101.68
Australia	70	12,259.10
Austria-Hung'y	31	5,429.24
Azores	7	1,176.00
Bahamas	4	612.27
Barbados	1	144.00
Belgium	17	2,820.67
Bermuda	8	1,224.40
Bolivia	1	195.49
Brazil	4	576.00
Canada	2,588	453,262.32
Cape de Verde islands	1	96.00
Chile	11	1,926.54
China	18	3,153.34
Comoro islands	1	150.00
Costa Rica	5	875.70
Cuba	53	9,282.42
Danish West Indies	4	700.52
Denmark	32	5,605.12
Dominican Rep.	1	108.00
Dutch West Indies	3	396.00
England	361	63,225.54
Egypt	2	324.00
France	54	9,457.56
Germany	571	99,985.54
Greece	9	1,576.17
Guatemala	4	567.53
Haiti	1	144.00
Honduras	3	425.42
Hongkong	3	263.67
India	9	1,376.26
Ireland	452	79,158.76
Isle of Man	2	312.00
Isle of Pines	6	1,050.78
Italy	40	7,005.60
Jamaica	7	1,225.98
Japan	20	3,503.66
Korea	1	180.00
Liberia	11	1,934.43
Madeira	6	1,050.84
Malta	2	288.00
Mexico	152	26,621.28
Netherlands	10	1,751.37
Newfoundland	4	612.00
New Zealand	8	1,068.00
Nicaragua	4	659.52
Norway	55	9,632.15
Panama	14	2,365.68
Paraguay	1	240.00
Peru	10	1,751.30
Portugal	3	708.00
Russia	15	2,627.10
Samoa	1	96.00
Scotland	90	15,762.60
Seychelles Isl.	1	.....*
South Africa	7	1,080.00
Spain	1	180.00

State.	No.	Amount.
St. Helena.....	1	144.00
St. Martin.....	1	180.00
Sweden	56	9,807.28
Switzerland ..	62	10,858.68
Tasmania	1	.....*
Turkey	15	2,713.13
Uruguay	3	600.00
Wales	20	3,504.60
Total	4,972	868,257.15

*No payment.

SUMMARY.

	Pensioners.	Payments.
Pensioners residing in states and territories and payments to them	915,958	$159,074,963.95
Pensioners residing in insular possessions and payments to them	153	28,794.08
Pensioners residing in foreign countries and payments to them	4,972	868,257.15
Total	921,803	159,972,015.18
Payments by treasury department (treasury settlements)		2,040.90
Total payments on account of army and navy pensions for the fiscal year		159,974,056.08

CLASSIFICATION OF DISBURSEMENTS.

	Amount.	
Regular establishment—Invalids	$2,187,267.95	
Widows, minors and dependents	813,723.07	
		3,000,990.12
Civil war—Act of Feb. 6, 1907	60,821,754.98	
General law—Invalids	32,951,289.41	
Widows, minors and dependents	11,705,814.91	
		44,657,104.32
Army nurses	67,003.93	
Act of June 27, 1890—Invalids	12,660,420.65	
Minors and helpless children	964,781.44	
		13,625,202.09
Act of April 19, 1908—Widows	31,855,265.75	
		151,026,331.07
War with Spain—Invalids	2,970,601.92	
Widows, minors and dependents	837,317.99	
		3,807,919.91
War of 1812—Widows	51,279.30	
War with Mexico—Survivors	521,385.79	
Widows	942,598.86	
		1,463,984.65
Indian wars—Survivors	184,294.60	
Widows	437,214.93	
		621,509.53
Treasury settlements	2,040.90	
Grand total		159,974,056.08

PENSIONS AND PENSIONERS BY YEARS SINCE 1866.

	Paid as pensions.	Expenses.	Total.	No. of pensioners.
1866..	$15,450,549.88	$407,165.00	$15,857,714.88	126,722
1867..	20,784,789.69	490,977.35	21,275,767.04	155,474
1868..	23,101,509.36	553,020.34	23,654,529.70	169,643
1869..	28,513,247.27	564,526.81	29,077,774.08	187,963
1870..	29,351,488.78	600,997.86	29,952,486.64	198,686
1871..	28,518,792.62	863,079.00	29,381,871.62	207,495
1872..	29,752,746.81	951,253.00	30,703,999.81	232,229
1873..	26,982,063.89	1,003,200.64	27,985,264.53	238,411
1874..	30,206,778.99	966,794.13	31,173,573.12	236,241
1875..	29,270,404.76	982,695.35	30,253,100.11	234,821
1876..	27,936,209.53	1,015,078.81	28,951,288.34	232,137
1877..	28,182,821.72	1,034,459.33	29,217,281.05	232,104
1878..	26,786,009.44	1,032,500.09	27,818,509.53	223,998
1879..	32,664,428.92	837,734.14	34,502,163.06	242,755
1880..	56,689,229.08	935,027.28	57,624,256.36	250,802
1881..	50,583,405.35	1,072,059.64	51,655,464.99	268,830
1882..	54,313,172.05	1,466,236.01	55,779,408.06	285,697
1883..	60,427,573.81	2,591,648.29	63,019,222.10	303,658
1884..	57,912,387.47	2,835,181.00	60,747,568.47	322,756
1885..	65,171,937.12	3,392,576.34	68,564,513.46	345,125
1886..	64,091,142.90	3,245,016.61	67,336,159.51	365,783
1887..	73,752,997.08	3,753,400.91	77,506,397.99	406,007
1888..	78,950,501.67	3,515,057.27	82,465,558.94	452,557
1889..	88,842,720.58	3,466,968.40	92,309,688.98	489,725
1890..	106,093,850.39	3,526,382.13	109,620,232.52	537,944
1891..	117,312,690.50	4,700,636.44	122,013,326.94	676,160
1892..	139,394,147.11	4,898,665.80	144,292,812.91	876,068
1893..	156,906,637.94	4,867,734.42	161,774,372.36	966,012
1894..	139,986,726.17	3,963,976.31	143,950,702.48	969,544
1895..	139,812,294.30	4,338,020.21	144,150,314.51	970,524
1896..	138,220,704.46	3,991,375.61	142,212,080.07	970,678
1897..	139,949,717.35	3,987,783.07	143,937,500.42	976,014
1898..	144,651,879.30	4,114,091.46	148,765,971.26	993,714
1899..	138,355,052.95	4,147,517.73	142,502,570.68	991,519
1900..	138,462,130.65	3,841,706.74	142,303,837.39	993,529
1901..	138,531,483.84	3,868,795.44	142,400,279.28	997,735
1902..	137,504,267.99	3,831,378.96	141,335,646.95	999,446
1903..	137,759,653.71	3,993,216.79	141,752,870.50	996,545
1904..	141,093,571.49	3,849,366.25	144,942,937.74	994,762
1905..	141,142,861.33	3,721,832.82	144,864,694.15	998,441
1906..	139,000,288.25	3,523,269.51	142,523,557.76	985,971
1907..	138,155,412.46	3,309,110.44	141,464,522.90	967,371
1908..	153,093,086.27	2,800,963.36	155,894,049.63	951,687
1909..	161,973,703.77	2,852,583.73	164,826,287.50	946,194
1910..	159,974,056.08	2,657,673.86	162,631,729.94	921,083
	3,976,611,125.58	118,362,734.68	4,094,973,860.26	.....

PENSIONS OF THE SEVERAL WARS AND OF THE PEACE ESTABLISHMENT.

The amounts that have been paid for pensions to soldiers, sailors and marines, their widows, minor children and dependent relatives, on account of military and naval service since the foundation of the government to June 30, 1910, are as follows:

War of the revolution (estimate)	$70,000,000.00
War of 1812 (service pension)	45,808,676.74
Indian wars (service pension)	10,617,119.00
War with Mexico (service pension)	43,956,768.72
Civil war	3,837,488,171.42
War with Spain and insurrection in Philippine islands	30,191,725.12
Regular establishment	18,508,018.14
Unclassified	16,486,090.67
Total disbursements for pensions	4,073,056,569.81

NUMBER OF PENSIONERS AT DIFFERENT RATES.

$6 and under	17,152	
From $6 to $8, inclusive	12,701	
From $8 to $10, inclusive	8,154	
From $10 to $12, inclusive	609,216	
From $12 to $14, inclusive	11,710	
From $14 to $15, inclusive	104,045	
From $15 to $16, inclusive	3,091	
From $16 to $17, inclusive	32,871	
From $17 to $18, inclusive	274	
From $18 to $20, inclusive	69,831	
From $20 to $24, inclusive	27,321	
From $24 to $25, inclusive	2,126	
From $25 to $30, inclusive	13,606	
From $30 to $36, inclusive	93	
From $36 to $45, inclusive	2,784	
From $45 to $50, inclusive	1,734	
From $50 to $72, inclusive	2,364	
From $72 to $100, inclusive	547	
At $125	1	
At $166⅔	2	
At $208⅓	1	
At $416⅔	1	

SURVIVORS OF MEXICAN AND CIVIL WARS BY AGES.

Granted pensions under act of Feb. 6, 1907.

Age.	Civil war.	Mexican war.	Age.	Civil war.	Mexican war.	Age.	Civil war.	Mexican war.	Age.	Civil war.	Mexican war.
62	99,313	....	67	19,333	.....	72	14,654	1	77	6,220	187
63	35,512	.....	68	14,810	.....	73	12,311	4	78	5,065	265
64	31,828	.....	69	8,529	.....	74	7,449	17	79	4,026	344
65	26,635	.....	70	58,632	.....	75	17,068	69	80	3,796	417
66	25,367	.....	71	17,014	3	76	8,632	132	81	2,406	369

Age.	Civil war.	Mexican war.	Age.	Civil war.	Mexican war.
82	2,080	368	93	23	2
83	1,452	226	94	16	2
84	1,169	174	95	4	.....
85	840	123	96	6	.....
86	731	72	97	5	.....
87	409	51	98	7	.....
88	264	38	103	1	.....
89	125	21	107	1	.....
90	82	13	108	1	.....
91	48	8			
92	40	4	Total	425,904	2,910

The total number of survivors of the civil war on the roll at the close of the fiscal year 1910 was 562,615, a decrease of 31,345 during the year. The number of survivors of the civil war whose names were dropped from the roll on account of death during the year was 35,312.

PENSIONERS FROM REVOLUTION AND WAR OF 1812.

Mrs. Phœbe M. Palmeter, aged 88 years, of Brookfield, N. Y., pensioned by a special act of congress as the daughter of Jonathan Wooley, who served in a New Hampshire company, is the only pensioner on account of the revolutionary war remaining on the roll.

The last widow pensioner of that war was Esther S. Damon of Plymouth Union, Vt., who died Nov. 11, 1906, aged 92 years. The last survivor of the war of the revolution was Daniel F. Bakeman, who died at Freedom, Cattaraugus county, New York, April 5, 1869, aged 109 years 6 months and 8 days.

The last surviving pensioned soldier of the war of 1812 was Hiram Cronk of Ava, N. Y., who died May 13, 1905, aged 105 years and 16 days.

MANCHURIAN NEUTRALIZATION PROPOSAL.

Late in December, 1909, the American secretary of state, Philander C. Knox, sent a note to the governments of China, Japan, Russia, Great Britain, France and Germany, proposing that the railroads of Manchuria be turned over to China and placed under the control of an international syndicate, which should develop them for commercial instead of political purposes, thus assuring the neutrality of the province. In the communication, which was made public Jan. 5, 1910, Mr. Knox explained that his proposal had in view the maintenance of the "open-door" policy in Manchuria. The suggestion, which became generally known as the "Manchurian neutrality proposition," was rejected by Japan Jan. 21, and subsequently by Russia, on the ground that the plan would be of no advantage to the powers immediately concerned. Japan further declared that it adhered strictly to its pledges of an open door and equal opportunities in Manchuria.

CHINESE RAILWAY LOAN AND AMERICA.

Secretary Knox's neutralization proposition had its origin in the agreement which Edwin H. Conger, the American minister in Pekin, made with the Chinese government in 1904, that Americans should have the privilege of subscribing to the loan for the building of the Szechuen railway. In March, 1909, the Chinese government contracted for a loan of $27,500,000 for this project from bankers in England, France and Germany. The American government then made urgent representations to the Pekin government on the subject and succeeded in having the terms of the loan rearranged, but final action was not taken until after Secretary Knox's neutralization proposition had been made and rejected. May 24, 1910, the Szechuen railway loan agreement was signed in Paris, France, by the representatives of financial groups in the United States, France, Great Britain and Germany. The amount of the loan was fixed at $30,000,000 and it was announced that the basis of the agreement was absolute equality between the four groups, both as to the loan itself and as to the tender of supplies.

Oct. 27, 1910, arrangements were concluded for an additional loan of $50,000,000 by a syndicate of New York financiers to the Chinese government.

CLIMATOLOGY OF THE UNITED STATES.

The following table of average rainfall, highest and lowest temperatures, based upon observations of thirty-eight or fewer years at selected stations in the several states and territories of the United States, was compiled from the records of the weather bureau for The Chicago Daily News Almanac by the United States weather bureau, Washington, D. C.:

Stations.	Alt. ab. sea level (feet).	No. of yrs.	Temperature.* Max.	Year.	Min.	Year.	Av. precipitation.†
Alabama—Mobile	12	39	102	1901	—1	1899	62.0
Montgomery	162	37	107	1881	—5	1899	51.2
Arizona—Yuma	137	34	118	1878	22	1883	3.1
Arkansas—Little Rock	297	30	106	1901	—12	1899	49.9
California—S. Francisco	9	39	101	1904	29	1888	22.3
San Diego	10	38	101	1883	32	1894	10.0
Colorado—Denver	5,183	38	105	1878	—29	1875	14.0
Pueblo	4,690	21	104	1902	—27	1899	12.0
Connecticut—New Haven	10	37	100	1881	—14	1873	47.2
Dist. Col.—Washington.	12	39	104	1881	—15	1899	43.5
Florida—Jacksonville	8	38	104	1879	10	1899	53.2
Key West	22	39	100	1886	41	1886	38.7
Georgia—Atlanta	1,033	31	100	1887	—8	1899	49.4
Savannah	21	39	105	1879	8	1899	50.3
Idaho—Boise	2,770	25	111	1898	—28	1888	....
Lewiston	757	17	108	1904	—18	1884	....
Pocatello	4,485	11	102	1901	—20	1905	....
Illinois—Cairo	314	38	106	1901	—16	1884	41.7
Chicago	603	39	103	1901	—23	1872	33.3
Springfield	582	30	107	1901	—24	1905	37.0
Indiana—Indianapolis	706	36	106	1901	—25	1884	41.5
Iowa—Des Moines	632	31	109	1901	—30	1884	32.4
Kansas—Dodge City	2,484	35	108	1876	—26	1899	20.8
Kentucky—Louisville	394	37	107	1901	—20	1884	44.2
Louisiana—New Orleans	2	39	102	1901	7	1899	57.4
Shreveport	179	37	110	1909	—5	1899	45.7
Maine—Eastport	5	37	93	1901	—21	1884	43.3
Portland	11	38	98	1908	—17	1872	42.5
Maryland—Baltimore	8	37	104	1898	—7	1899	43.2
Massachusetts—Boston	11	39	102	1881	—13	1882	43.4
Michigan—Alpena	582	37	98	1901	—27	1882	33.2
Detroit	579	39	101	1887	—24	1872	32.2
Marquette	628	35	108	1901	—27	1875	32.6
Minnesota—St. Paul	711	37	104	1901	—41	1888	28.7
Moorhead	904	29	102	1894	—48	1887	24.9
Mississippi—Vicksburg	94	37	101	1881	—1	1899	53.7
Missouri—St. Louis	455	39	107	1901	—22	1884	37.2
Montana—Helena	4,013	30	103	1886	—42	1893	12.8
Havre	2,477	29	108	1900	—55	1887	13.7
Nebraska—No. Platte	2,803	35	107	1877	—35	1899	18.9
Omaha	1,042	37	106	1894	—32	1884	30.7
Nevada—Winnemucca	4,335	31	104	1877	—28	1888	8.4
N. Jersey—Atlantic City	9	34	99	1880	—7	1899	40.8
New York—Albany	18	36	100	1898	—24	1904	36.4
Rochester	510	38	99	1897	—14	1904	34.3
New Mexico—Santa Fe	6,954	36	97	1878	—13	1883	14.2
N. Carolina—Charlotte	725	31	102	1887	—5	1899	49.2
Wilmington	32	39	103	1879	5	1899	51.0
N. Dakota—Bismarck	1,638	35	106	1901	—44	1887	17.6
Ft. Buford (Williston)	1,855	27	107	1883	—49	1888	15.1
Ohio—Cincinnati	546	39	105	1901	—17	1899	37.3
Cleveland	594	38	99	1881	—17	1873	35.0
Oklahoma—Okla. City	1,195	18	108	1909	—17	1899	31.7
Oregon—Portland	11	37	102	1891	—2	1888	45.1
Roseburg	482	32	106	1905	—6	1888	34.4
Pennsylvania—Philadelphia	9	39	103	1901	—6	1899	41.2
Pittsburg	697	37	103	1881	—20	1899	36.4
Rhode Isl'd—Block Isl'd	16	29	89	1900	—4	1896	44.4
S. Carolina—Charleston	10	37	104	1879	7	1899	52.1
S. Dakota—Rapid City	3,196	24	106	1900	—34	1899	18.7
Yankton	1,186	35	107	1894	—34	1879	25.4
Tennessee—Knoxville	933	37	100	1887	—16	1884	49.4
Memphis	271	37	104	1901	—9	1899	50.3
Texas—Abilene	1,718	24	110	1886	—6	1899	24.7
Galveston	6	38	98	1901	8	1899	47.1
Utah—Salt Lake City	4,248	36	102	1889	—20	1883	16.0
Vermont—Northfield	739	23	95	1901	—35	1908	33.8
Virginia—Norfolk	11	39	102	1887	2	1895	49.5
Washington—Spokane	1,883	29	104	1898	—30	1888	18.8
West Virginia—Parkersburg	616	21	102	1901	—27	1899	40.2
Wisconsin—Milwaukee	634	38	100	1901	—25	1875	31.4
Wyoming—Cheyenne	6,054	37	100	1881	—38	1875	13.6

*Corrected to Dec. 31, 1909, inclusive. †Precipitation normals adopted in 1907.

STATES, CAPITALS, GOVERNORS AND LEGISLATURES.

STATE OR TERRITORY	Capital.	Governor.	T'rm Yrs.	Salary.	Term expires.	Next session legislature.	Limit of session.
Alabama	Montgomery	E. O'Neal, D.	4	$5,000	Jan. 1915	‡Jan. 1911	50 days
Alaska Territory	Sitka	†W. E. Clark, R.	4	3,000	June1913	.....	.....
Arizona Territory	Phœnix	†R. E. Sloan, R.	4	2,400	Apr. 1913	*Jan. 1911	60 days
Arkansas	Little Rock	G. W. Donaghey, D.	2	3,500	Jan. 1913	*Jan. 1911	60 days
California	Sacramento	H. W. Johnson, R.	4	6,000	Jan. 1915	*Jan. 1911	60 days
Colorado	Denver	J. F. Shafroth, D.	2	5,000	Jan. 1915	*Jan. 1911	90 days
Connecticut	Hartford	S. E. Baldwin, D.	2	4,000	Jan. 1913	*Jan. 1911	None.
Delaware	Dover	S. S. Pennewill, R.	4	2,000	Jan. 1913	*Jan. 1911	None.
District of Columbia	Washington	.....	.....	.....	.....	.....	.....
Florida	Tallahassee	A. W. Gilchrist, D.	4	3,500	Jan. 1913	*Jan. 1911	60 days
Georgia	Atlanta	Hoke Smith, D.	2	3,000	June 1913	June 1911	50 days
Hawaii	Honolulu	Walter F. Frear, R.	4	5,000	June 1911	*Jan. 1911	.....
Idaho	Boise City	J. H. Hawley, D.	2	3,000	Jan. 1913	*Jan. 1911	60 days
Illinois	Springfield	C. S. Deneen, R.	4	12,000	Jan. 1913	*Jan. 1911	None.
Indiana	Indianapolis	T. B. Marshall, D.	4	5,000	Jan. 1913	*Jan. 1911	60 days
Iowa	Des Moines	B. F. Carroll, R.	2	3,000	Jan. 1913	*Jan. 1911	None.
Kansas	Topeka	W. R. Stubbs, R.	2	3,000	Jan. 1913	*Jan. 1911	40 days
Kentucky	Frankfort	A. E. Willson, R.	4	6,500	Dec. 1911	Jan. 1912	60 days
Louisiana	Baton Rouge	J. Y. Sanders, D.	4	5,000	May 1912	*May 1912	60 days
Maine	Augusta	F. M. Plaisted, D.	2	2,000	Jan. 1913	*Jan. 1911	None.
Maryland	Annapolis	A. L. Crothers, D.	4	4,500	Jan. 1912	*Jan. 1912	90 days
Massachusetts	Boston	E. N. Foss, D.	1	8,000	Jan. 1912	Jan. 1911	None.
Michigan	Lansing	C. S. Osborn, R.	2	4,000	Jan. 1913	*Jan. 1911	None.
Minnesota	St. Paul	A. O. Eberhart, R.	2	5,000	Jan. 1913	*Jan. 1911	90 days
Mississippi	Jackson	Edmond F. Noel, D.	4	3,500	Jan. 1912	*Jan. 1912	60 days
Missouri	Jefferson City	H. S. Hadley, R.	4	5,000	Jan. 1913	*Jan 1911	70 days
Montana	Helena	E. L. Norris, D.	4	5,000	Jan. 1913	*Jan. 1911	60 days
Nebraska	Lincoln	C. H. Aldrich, R.	2	2,500	Jan. 1913	*Jan. 1911	60 days
Nevada	Carson City	T. L. Oddie, R.	4	4,000	Jan. 1913	*Jan. 1911	60 days
New Hampshire	Concord	R. P. Bass, R.	2	2,000	Jan. 1913	Jan. 1911	None.
New Jersey	Trenton	W. Wilson, D.	3	10,000	Jan. 1914	Jan. 1911	None.
New Mexico Territory	Santa Fe	†W. J. Mills, R.	4	2,600	Jan. 1911	*Jan. 1911	60 days
New York	Albany	John A. Dix, D.	2	10,000	Jan. 1913	Jan. 1911	None.
North Carolina	Raleigh	W. W. Kitchin, D.	4	3,000	Jan. 1913	*Jan. 1911	60 days
North Dakota	Bismarck	John Burke, D.	2	3,000	Jan. 1913	*Jan. 1911	60 days
Ohio	Columbus	J. Harmon, D.	2	8,000	Jan. 1913	*Jan. 1912	None.
Oklahoma	Guthrie	Lee Cruce, D.	4	4,500	Jan. 1915	*Jan. 1911	None.
Oregon	Salem	Oswald West, D.	4	1,500	Jan. 1913	*Jan. 1911	40 days
Pennsylvania	Harrisburg	John K. Tener, R.	4	10,000	Jan. 1915	*Jan. 1911	None.
Philippines	Manila	W. C. Forbes, R.	.....	15,000	.....	.....	.....
Porto Rico	San Juan	G. R. Colton, R.	4	8,000	.....	.....	.....
Rhode Island	Providence	A. J. Pothier, R.	1	3,000	Jan. 1912	Jan. 1911	None.
South Carolina	Columbia	C. L. Blease, D.	2	3,500	Jan. 1913	Jan. 1911	None.
South Dakota	Pierre	R. S. Vessey, R.	2	2,500	Jan. 1913	*Jan. 1911	60 days
Tennessee	Nashville	B. W. Hooper, Ind.	2	4,000	Jan. 1913	*Jan. 1911	75 days
Texas	Austin	O. B. Colquitt, D.	2	4,000	Jan 1913	*Jan. 1911	90 days
Utah	Salt Lake City	William Spry, R.	4	2,000	Jan. 1913	*Jan. 1911	60 days
Vermont	Montpelier	J. A. Mead, R.	2	1,500	Oct. 1912	*Oct. 1912	None.
Virginia	Richmond	W. H. Mann, D.	4	5,000	Jan. 1914	*Jan. 1912	90 days
Washington	Olympia	M. E. Hay, R.	4	4,000	Jan. 1913	*Jan. 1911	60 days
West Virginia	Charleston	W. E. Glasscock, R.	4	2,700	Mar. 1913	*Jan. 1911	45 days
Wisconsin	Madison	F. E. McGovern, R.	2	5,000	Jan. 1913	*Jan. 1911	None.
Wyoming	Cheyenne	J. M. Carey, D.	4	2,500	Jan. 1911	*Jan. 1911	40 days

Democratic governors of states, 25; republican, 20; independent, 1.

*Biennial sessions. †Appointed by the president. ‡Quadrennial sessions.

INCOME-TAX AMENDMENT TO THE CONSTITUTION.

July 5, 1909, congress passed the following joint resolution:

Resolved, by the senate and house of representatives of the United States in congress assembled (two-thirds of each house concurring therein), That the following article is proposed as an amendment to the constitution of the United States, which, when ratified by the legislatures of three-fourths of the several states, shall be valid to all intents and purposes as a part of the constitution:

"Article XVI. The congress shall have power to lay and collect taxes on incomes, from whatever sources derived, without apportionment among the several states and without regard to any census or enumeration."

Up to the close of 1910 the amendment had been ratified by the following states:

Alabama.
Georgia.
Illinois.
Maryland.
Mississippi.
Oklahoma.
South Carolina.

The Kentucky legislature failed to act on the amendment, while the lawmakers of Louisiana, Massachusetts, New York and Rhode Island refused to adopt it.

REPORT OF LIBERIAN COMMISSION.

The American commission which visited Liberia in May and June, 1909, made a report to President Taft, who transmitted it to congress March 25, 1910. Messrs. R. P. Falkner, George Sale and Emmett J. Scott, the commissioners, made the following recommendations:

(1) That the United States extend its aid to Liberia in the prompt settlement of its boundary disputes.

(2) That the United States enable Liberia to refund its debt by assuming, as a guaranty for the payment of obligations under such an arrangement, the control and collection of Liberian customs.

(3) That the United States lend its assistance to the reform of the internal finances.

(4) That this nation aid in organizing and drilling a competent constabulary or frontier police.

(5) That the United States establish and maintain a research station there.

(6) That the United States reopen the question of establishing a coaling station in Liberia.

HISTORICAL DATA AS TO STATES AND TERRITORIES.

STATE OR TERRITORY.	Admitted to the union.	Population, 1900.	Area. Sq. M.	Settled at	Date	By whom.	Rep. in cong.	Electoral vote.
Alabama	Dec. 14, 1819..	1,828,697	52,250	Mobile	1702	French	9	11
Alaska Territory	†July 27, 1868..	63,592	577,390	Sitka	1801	Russians	‡1	.....
Arizona Territory	†Feb. 24, 1863..	122,931	113,020	Tucson	1580	Spaniards	‡1	.....
Arkansas	June 15, 1836..	1,311,564	53,850	Ark'nsas Post	1685	French	7	9
California	Sept. 9, 1850..	1,485,053	158,360	San Diego	1769	Spaniards	8	10
Colorado	Aug. 1, 1876..	539,700	103,925	Near Denver	1858	Americans	3	5
Connecticut	*Jan. 9, 1788..	908,420	4,990	Windsor	1635	Puritans	5	7
Delaware	*Dec. 7, 1787..	184,735	2,050	Cape Henlopen	1627	Swedes	1	3
District of Columbia	†July 16, 1790..	278,718	70	.....	1660	English	.....	.....
Florida	March 3, 1845..	528,542	58,680	St. Augustine	1565	Spaniards	3	5
Georgia	*Jan. 2, 1788..	2,216,331	59,475	Savannah	1733	English	11	13
Guam Colony	¶Aug. 12, 1898.	8,661	150	Agana	.....	Spaniards	.....	.....
Hawaii Territory	†April 30, 1900.	154,001	6,740	.....	.....	.....	‡1	.....
Idaho	July 3, 1890..	161,772	84,800	Cœur d'Alene	1842	Americans	1	3
Illinois	Dec. 3, 1818..	4,821,550	56,650	Kaskaskia	1720	French	25	27
Indiana	Dec. 11, 1816..	2,516,462	36,350	Vincennes	1730	.....	13	15
Iowa	March 3, 1845.	2,231,853	56,025	Burlington	1788	French	11	13
Kansas	Jan. 29, 1861..	1,470,495	82,080	.....	1831	Americans	8	10
Kentucky	Feb. 4, 1792..	2,147,174	40,400	Lexington	1765	From Va	11	13
Louisiana	April 8, 1812..	1,381,625	48,720	Iberville	1699	French	7	9
Maine	March 3, 1820.	694,466	33,040	Bristol	1624	English	4	6
Maryland	*April 28, 1788.	1,188,044	12,210	St. Mary's	1634	English	6	8
Massachusetts	*Feb. 6, 1788..	2,805,346	8,315	Plymouth	1620	Puritans	14	16
Michigan	Jan. 26, 1837..	2,420,982	58,915	Near Detroit	1650	French	12	14
Minnesota	May 11, 1858..	1,751,394	83,365	St. Peter's R.	1805	Americans	9	11
Mississippi	Dec. 10, 1817..	1,551,270	46,810	Natchez	1716	From S. C	8	10
Missouri	March 2, 1821..	3,106,665	69,415	St. Louis	1764	French	16	18
Montana	Nov. 8, 1889..	243,329	146,080	.....	1809	Americans	1	3
Nebraska	March 1, 1867.	1,066,300	77,510	Bellevue	1847	Americans	6	8
Nevada	*Oct. 13, 1864..	42,335	110,700	Genoa	1850	Americans	1	3
New Hampshire	*June 21, 1788.	411,588	9,305	Dover and Portsmouth	1623	Puritans	2	4
New Jersey	*Dec. 18, 1787..	1,883,669	7,815	Bergen	1620	Swedes	10	12
New Mexico Territory	†Sept. 9, 1850..	195,310	122,580	Santa Fe	1537	Spaniards	‡1	.....
New York	*July 26, 1788..	7,268,894	49,170	Manhattan Id	1614	Dutch	37	39
North Carolina	*Nov. 21, 1789..	1,893,810	52,250	Albemarle	1650	English	10	12
North Dakota	Nov. 2, 1889..	319,146	70,795	Pembina	1780	French	2	4
Ohio	Nov. 29, 1802..	4,157,545	41,060	Marietta	1788	Americans	21	23
Oklahoma	Nov. 16, 1907..	790,391	70,430	.....	1889	Americans	5	7
Oregon	Feb. 14, 1859..	413,536	96,030	Astoria	1810	Americans	2	4
Pennsylvania	*Dec. 12, 1787..	6,302,115	45,215	Delaware R.	1682	English	32	34
Philippines	**Nov. 28, 1898.	7,000,000	114,000	Manila	1570	Spaniards	.....	.....
Porto Rico	¶Aug. 12, 1898.	957,679	3,600	Caparra	1510	Spaniards	††1	.....
Rhode Island	*May 29, 1790..	428,556	1,250	Providence	1636	English	2	4
South Carolina	*May 23, 1788..	1,340,316	30,570	Port Royal	1670	Huguenots	7	9
South Dakota	Nov. 2, 1889..	401,570	77,650	Sioux Falls	1856	Americans	2	4
Tennessee	June 1, 1796..	2,020,616	42,050	Ft. Loudon	1757	English	10	12
Texas	Dec. 29, 1845..	3,048,710	265,780	Matagorda B.	1686	French	16	18
Utah	Jan. 4, 1896..	276,749	84,970	Salt Lake City	1847	Americans	1	3
Vermont	Feb. 18, 1791..	343,641	9,565	Ft. Dummer	1764	English	2	4
Virginia	*June 26, 1788..	1,854,184	42,450	Jamestown	1607	English	10	12
Washington	Nov. 11, 1889..	518,103	69,180	Astoria	1811	Americans	3	5
West Virginia	Dec. 31, 1862..	958,800	24,780	Wheeling	1774	English	5	7
Wisconsin	May 29, 1848..	2,069,042	56,040	Green Bay	1670	French	11	13
Wyoming	July 11, 1890..	92,531	97,890	Ft. Laramie	1834	Americans	1	3

*Ratified the constitution. †Organized as territory. ‡Delegate. ¶Signing of protocol relinquishing sovereignty. **Yielding sovereignty. ††Commissioner.

Historians do not all agree as to some of the dates in the above table. The dates given are from the statistical abstract of the United States published by the government and are well supported in all disputed cases.

FASTEST VOYAGES ACROSS THE ATLANTIC.

Queenstown to New York, 4 days and 15 hours, by the Lusitania, Aug. 15-20, 1908; Raunt's Rock to Ambrose channel lightship (short course), 4 days 10 hours 48 minutes, Mauretania, Sept. 11-15, 1910; long course (2,891 miles), 4 days 17 hours 6 minutes, Mauretania, Feb. 13-18, 1909.

New York to Queenstown, 4 days 13 hours 41 minutes, by the Mauretania, Sept. 15-20, 1909.

Hamburg to New York, 5 days 11 hours 54 minutes, by the Deutschland, Sept. 2-8, 1903.

Cherbourg to New York, 5 days 11 hours 9 minutes, by the Kronprinzessin Cecilie, Aug. 19-25, 1908.

New York to Cherbourg, 5 days 16 hours, by the Kaiser Wilhelm der Grosse, Jan. 4-10, 1900.

Southampton to New York, 5 days 20 hours, by the Kaiser Wilhelm der Grosse, March 30-April 5, 1898.

Havre to New York, 6 days 1 hour 12 minutes, by La Provence, Sept. 6-13, 1907.

New York to Southampton, 5 days 17 hours 8 minutes, by the Kaiser Wilhelm der Grosse, Nov. 23-29, 1897.

New York to Havre, 6 days 2 hours 48 minutes, by La Provence, May 31-June 6, 1906.

New York to Plymouth (short course, 2,962 miles), 5 days 7 hours 28 minutes, by the Deutschland, Sept. 5-10, 1900; (long course, 3,080 miles), 5 days 9 hours 55 minutes, Kaiser Wilhelm II., Aug. 18-24, 1908.

Plymouth to New York, 5 days 15 hours 46 minutes, by the Deutschland, July 7-12, 1900.

Moville, Ireland, to Cape Race, N. F., 4 days 10 hours, by the Virginian (turbine), June 9-13, 1905.

The best day's run by any steamer was 671 miles, made by the Mauretania, February, 1909.

Distances: New York to Southampton, 3,100 miles; to Plymouth, 2,962 miles; to Queenstown, 2,800 miles; to Cherbourg, 3,047 miles; to Havre, 3,170 miles; to Hamburg, 3,820 miles.

UNITED STATES POSTAL SERVICE.

GROWTH OF SERVICE SINCE 1850.

Year.	Revenue.	Expenditures.	Deficit.	Total offices.	Presidential offices.
1850	$5,499,984.86	$5,212,953.43	.....	18,417	.....
1860	8,518,067.40	19,170,609.89	$10,652,542.49	28,498	433
1870	19,772,220.65	23,998,837.63	4,226,616.98	28,492	1,093
1880	33,315,479.34	36,542,803.68	3,227,324.34	42,989	1,760
1890	60,882,097.92	66,259,547.84	5,377,449.92	62,401	2,738
1895	76,983,128.19	87,179,551.28	10,196,423.09	70,064	3,506
1900	102,354,579.29	107,740,267.99	5,385,688.70	76,691	4,237
1901	111,631,193.39	115,554,920.87	3,981,520.71	76,337	4,469
1902	121,848,047.26	124,785,697.07	2,961,169.91	76,237	4,743
1903	134,224,443.24	138,784,487.97	4,586,977.16	74,031	5,045
1904	143,582,624.34	152,362,116.70	8,812,769.17	71,325	5,366
1905	152,826,585.10	167,399,169.23	14,594,387.12	68,138	5,654
1906	167,932,782.95	178,449,778.89	10,542,941.76	65,600	5,910
1907	183,585,005.57	190,238,288.34	6,692,031.47	62,660	6,317
1908	191,478,663.41	208,351,886.15	16,910,278.99	61,158	6,819
1909	203,562,383.07	221,004,102.89	17,479,770.47	60,144	7,202
1910	224,128,657.62	229,977,224.50	5,881,481.95	59,580	7,592

NOTE—July 1, 1863, first-class postage, 3 cents per one-half ounce, any distance; Oct. 1, 1883, first-class postage, 2 cents per one-half ounce, any distance; July 1, 1885, first-class postage, 2 cents per ounce, any distance.

RAILWAY MAIL SERVICE.

Year	Clerks.	Cost.	Year.	Clerks.	Cost.
1865 (est.)	64	.....*	1903	10,418	$11,228,845.75
1870	1,157	.....*	1904	11,437	12,105,549.77
1880	2,946	$1,367,463.35	1905	12,284	13,285,242.94
1890	5,836	5,562,844.35	1906	13,401	14,177,969.99
1895	6,481	7,103,025.30	1907	14,184	15,175,587.76
1900	8,695	8,838,993.92	1908	15,295	17,373,336.92
1901	9,105	9,675,436.52	1909	15,866	18,356,800.13
1902	9,627	10,264,588.38	1910	16,579	19,389,414.44

*Cost of service included with "Transportation of mails" prior to 1876.

CITY FREE-DELIVERY SERVICE.

Year.	Carriers.	Cost.	Year.	Carriers.	Cost.
1863 (est.)	685	$204,477.77	1903	19,542	$19,337,986.00
1870	1,362	1,231,340.68	1904	20,761	20,561,208.01
1880	2,628	2,363,717.71	1905	21,778	20,919,078.13
1890	9,066	7,977,514.26	1906	22,965	22,057,176.70
1895	12,714	12,145,408.77	1907	24,577	23,248,535.90
1900	15,322	14,512,190.04	1908	26,352	26,343,201.19
1901	16,389	15,752,600.00	1909	27,620	29,770,650.36
1902	17,785	17,123,310.90	1910	28,715	31,737,673.64

RURAL FREE-DELIVERY SERVICE.

1897	44	.....*	1904	24,565	$12,640,070.35
1898	148	$49,999.71	1905	32,055	20,819,944.69
1899	391	149,979.69	1906	35,666	24,738,980.79
1900	1,276	420,433.17	1907	37,582	26,653,304.36
1901	4,301	1,749,525.06	1908	39,143	34,355,209.04
1902	8,466	3,993,706.51	1909	40,499	35,549,260.34
1903	15,119	8,011,635.48	1910	40,997	37,041,976.34

*Cost included in "City free-delivery" service.

RECEIPTS AND EXPENDITURES.

Fiscal year ended June 30, 1910.

RECEIPTS.

Sales of postage stamps, postal cards, etc.	$202,064,887.96
Second-class postage, paid in money	8,174,281.41
3d and 4th class postage, paid in money	4,418,428.75
Box rents	4,139,375.56
Miscellaneous receipts	80,012.97
Letter postage, paid in money	368,345.27
Fines and penalties	62,419.14
Dead letters	30,785.56
Revenue from money-order business	4,046,932.55
Unpaid money orders more than 1 year old	743,188.45
Total	224,128,657.62

EXPENDITURES.

Advertising	1,730.59
Buildings for use of postoffice dept.	35,483.66
Electric power and light	4,481.19
Postoffice inspectors	1,021,649.28
Payment of rewards	15,781.07
Printing and binding opinions of assistant attorney-general	5,536.70
Investigating labor-saving devices	1,555.00
Mis. expenses, postmaster-general	61.90
Compensation to postmasters	27,521,040.87
Assistant postmasters and clerks in postoffices	38,045,456.62
Rent, light and fuel	3,823,482.34
Rent, etc., station H, New York city	14,576.39
Mis. items, 1st and 2d class offices	288,792.22
Canceling machines, etc.	304,133.90
Assistant superintendent salary and allowance division	35,554.90
City delivery service	31,737,673.64
Special delivery service	1,245,375.48
Mis. exp. 1st asst. postmaster-general	342.89
Mail transportation—star	6,933,292.29
Mail transportation—boat	737,732.14
Mail messenger service	1,498,314.78
Pneumatic-tube service	802,387.80
Wagon service	1,621,419.34
Mail bags, etc.	438,701.31
Mail equipment shop, Chicago, Ill.	3,834.05
Mail locks and keys, etc.	44,898.09
Mail transportation—railroad	44,715,706.12
Tabulating railroad statistics	241.29
Freight on mail bags, postal cards, etc.	282,077.27
Railway postoffice car service	4,689,605.88
Railway mail service	19,389,414.44
Electric and cable car service	659,360.75
Transportation of foreign mails	2,846,397.22
Asst. supt. division of foreign mails	2,291.66
Balances due foreign countries	355,440.78
Mis. exp. 2d asst. postmaster-general	682.91
Manufacture of postage stamps	603,154.71
Manufacture of stamped envelopes	1,388,646.88
Distribution of stamped and official envelopes	23,697.13
Manufacture of postal cards	163,101.57
Distribution of postal cards	6,257.12
Ship, steamboat and way letters	118.66
Indemnities, domestic registered mail	12,162.60
Indemnities intern'nal registered mail	978.31
Mis. exp. 3d asst. postmaster-general	358.70
Special counsel—suits, second-class mailing privilege	2,750.00
Unpaid money orders more than one year old	599,733.54
Stationery	78,630.75
Official and registry envelopes	212,943.37
Distribution of registry envelopes	4,487.50
Blanks, etc., money-order service	140,509.94
Miscellaneous items, registry system	5,244.69
Supplies, city delivery service	67,811.64
Postmarking, rating and money-order stamps	37,982.50
Letter balances and scales	8,651.85
Wrapping paper	11,784.78
Wrapping twine	174,474.39
Facing slips, etc.	61,114.86
Typewriters, copying presses, etc.	95,659.94
Printing street directories	10.28
Supplies rural delivery service	31,756.30
Shipment of supplies	84,555.10
Files, etc., division of supplies	510.75
Rural delivery service	37,041,976.34
Mis. exp. 4th asst. postmaster-general	524.78
Total	229,984,095.65
*Repayments in excess of audited expenditures	6,871.15
Net audited expenditures	229,977,224.50
Audited revenues	224,128,657.62
Deficit*	5,881,481.95

*Includes $32,915.07 of postal funds lost by fire, burglary, etc.

NOTABLE GIFTS AND BEQUESTS IN 1910.

Armour, J. Ogden, Chicago, to Armour Institute of Technology, $70,000.
Avery, Samuel P., Chicago, to Chicago Art institute, $10,000.
Carnegie, Andrew, to Cornell university, $50,000; for library in Gary, Ind., $50,000; to Carnegie Technical school, Pittsburg, $3,500,000.
Cudahy, Michael, Chicago, to Loyola university, $130,000.
Chicago, citizens of, to Young Men's Christian association, $354,038.74.
Curtiss, Mrs. Frances E., Chicago, to charitable and educational institutions, by will, $162,000.
Bartlett, A. C., Chicago, to Old People's home, $50,000.
Bixby, W. K., Adolphus Busch, Edward Malinckrodt and Robert S. Brookings, St. Louis, to Washington university, St. Louis, $3,000,000.
Butler, Mrs. H. B., Chicago, to St. Peter's Episcopal church, for parish house, $50,000.
De Jonghe, Mrs. Henri F., Chicago, to Loyola university, $135,000.
Dotger, Mrs. Flora T., New York, by will, to Tuskegee institute, about $1,000,000.
Hooker, F. M., Chicago, to Union Park Congregational church Sunday school, $20,000.
Jesup, Morris K., New York, by will, to Princeton university, $300,000.
Kennedy, Mrs. J. S., New York, to Wooster university, $100,000.
Loomis, Mrs. Mary Hunt, Chicago, by will, to Loomis institute, Windsor, Conn., $1,200,000.
Mason, William S., Evanston, and George S. Mason, New York, to Yale university, $250,000.
Morgan, J. Pierpont, New York, to Trinity college, Hartford, Conn., $100,000; to Yale university, $100,000; to world's conference on church unity, $100,000.
Mills, Darius Ogden, New York, by will, to charitable and educational institutions, $400,000.
National Lumber association, to Yale university forest school, $100,000.
Patten, George W., Evanston, to Evanston hospital, $500,000.
Patten, James A., Evanston, to Old People's home, Chicago, $100,000; to Northwestern university, $200,000.
Peabody fund directors to George Peabody College for Teachers, to be located in Nashville, Tenn., $1,000,000.
Penman, John, to Y. M. C. A., $50,000.
Perkins, George T., Akron O., by will to Y. W. C. A., $50,000.
Phelps, Erskine M., Chicago, by will, to churches and hospitals, $160,000.
Ranken, David, Jr., St. Louis, to Ranken School of Mechanical Trades, $3,000,000.
Ryerson, Martin A., Chicago, to Old People's home, $100,000; to University of Chicago, $100,000.
Rockefeller, John D., New York, to Williams college, $100,000; to Wesleyan university, Middletown, Conn., $100,000; to Cornell college, Iowa, $50,000; to Georgetown college, Kentucky, $25,000; to women's college in Brown university, $50,000; to Salem college, North Carolina, $75,000; to Cleveland Y. M. C. A., $125,000; to Blue Ridge association, North Carolina, $50,000; to Western Reserve university, $250,000; to Rockefeller Institute for Medical Research, $3,820,000; to Y. M. C. A., for world-wide expansion, $450.000. (Many of foregoing gifts were conditional.)
Ross, John W., Montreal, to Y. M. C. A., $40,000.
Sage, Mrs. Russell, New York, to Yale university, $650,000; to American Bible society, $500,000.
St. Louis, citizens of, to Y. M. C. A., $452,553.
Sears, Roebuck & Co., Chicago, to Y. M. C. A., $100,000.
Shonts, Theodore P., New York, to Drake university, $50,000.
Smith, Prof. Goldwin, Toronto, Ont., to Cornell university, by will, $689,000.
Sprague, O. S. A., Chicago, by will, for O. S. A. Sprague Memorial institute, $216,400.
Stokes, James (and another), to Y. M. C. A., $100,000.
Unnamed, to Columbia university, $350,000; to College of City of New York, $100,000; to Illinois Wesleyan university, $50,000; to University of Pennsylvania, $100,000.
Vanderbilt, Alfred G., New York, to Yale university, $100,000.
Woodward, S. W., Washington, to Y. M. C. A., $35,000.

CHICAGO'S CONTRIBUTIONS TO THE Y. M. C. A.

In March, 1910, the officers and friends of the Young Men's Christian association in Chicago started a campaign to raise $350,000 in ten days. It began March 30 and ended April 12, when a total of $354,038.74 had been raised. The contributors, who represented every walk in life from persons of great wealth to newsboys, numbered 6,864. It was the culminating effort of a two-years' campaign to secure an anniversary fund of $1,000,000. The sum actually secured was $1,185,212.74. It is being devoted to the general work of the association in Chicago, constructing new and caring for old buildings, paying off debts and extending the activities of the various Y. M. C. A. departments located in each division of the city.

POSTMASTERS OF LARGE CITIES (1910).

Albany, N. Y.—Henry F. Snyder.
Allegheny, Pa.—William J. Kopp.
Baltimore, Md.—W. Hall Harris.
Boston, Mass.—E. C. Mansfield.
Buffalo, N. Y.—Fred Greiner.
Camden, N. J.—Robert L. Barber.
Charleston, S. C.—W. L. Harris.
Chicago, Ill.—Daniel A. Campbell.
Cincinnati, O.—E. B. Monfort.
Cleveland, O.—Raymond G. Floyd.
Columbus, O.—H. W. Krumm.
Dayton, O.—F. G. Withoft.
Denver, Col.—Paul J. Sours.
Des Moines, Iowa—Joseph I. Mayerley.
Detroit, Mich.—Homer Warren.
Duluth, Minn.—Arthur P. Cook.
Fall River, Mass.—George T. Durfee.
Fort Wayne, Ind.—Robert B. Hanna.
Galveston, Tex.—Harry A. Griffin.
Grand Rapids, Mich.—Loomis K. Bishop.
Hartford, Conn.—Frank A. Hagarty.
Indianapolis, Ind.—Robert H. Bryson.
Jersey City, N. J.—Peter F. Wanser.
Kansas City, Mo.—Joseph H. Harris.
Lincoln, Neb.—E. R. Sizer.
Los Angeles, Cal.—W. H. Harrison.
Louisville, Ky.—Robert E. Woods.
Lowell, Mass.—A. G. Thompson.
Memphis, Tenn.—L. W. Dutro.
Milwaukee, Wis.—David Owen.
Minneapolis, Minn.—W. D. Hale.
Nashville, Tenn.—A. W. Wills.
Newark, N. J.—James L. Hayes.
New Haven, Conn.—J. A. Howarth.
New Orleans, La.—W. J. Behan.
New York, N. Y.—Edward M. Morgan.
Omaha, Neb.—B. F. Thomas.
Paterson, N. J.—George W. Pollitt.
Peoria, Ill.—Henry W. Lynch.
Philadelphia, Pa.—Richard L. Ashhurst.
Pittsburg, Pa.—William H. Davis.
Portland, Me.—Fred H. King.
Portland, Ore.—Charles B. Merrick.
Providence, R. I.—Walter A. Kilton.
Reading, Pa.—A. M. High.
Richmond, Va.—Edgar Allen, Jr.
Rochester, N. Y.—W. S. Whittlesey.
St. Joseph, Mo.—Laurence O. Weakley.
St. Louis, Mo.—Thomas J. Akins.
St. Paul, Minn.—Edward Yanish.
Salt Lake City, Utah—A. L. Thomas.
San Antonio, Tex.—John J. Stevens.
San Francisco, Cal.—A. G. Fisk.
Seattle, Wash.—George F. Russell.
Springfield, Ill.—L. E. Wheeler.
Springfield, Mass.—Louis C. Hyde.
Toledo, O.—W. H. Tucker.
Trenton, N. J.—A. C. Yard.
Troy, N. Y.—A. E. Bonesteel.
Washington, D. C.—Norman A. Merritt.

OCCUPATIONS IN THE UNITED STATES.

[Census of 1900.]

Actors	8,392
Actresses	6,418
Agents	241,333
Agents (station)	45,992
Agricultural laborers	4,459,346
Architects	10,604
Artists and art teachers.	21,902
Authors	6,058
Baggagemen	19,085
Bakers	79,407
Bankers and brokers	73,384
Barbers	131,383
Bartenders	88,937
Blacksmiths	227,076
Boarding-house keepers	71,371
Boilermakers	33,087
Bookbinders	30,286
Bookkeepers	255,526
Boot and shoe dealers	15,239
Boot and shoe makers	209,056
Bottlers	10,546
Boxmakers (paper)	21,093
Brakemen	67,492
Brass workers	26,760
Brewers and maltsters	20,984
Brick and tile makers	49,934
Broom and brush makers	10,222
Builders and contractors.	56,935
Butchers	114,212
Butter and cheese makers	19,261
Cabinetmakers	35,641
Carpenters and joiners	602,741
Carpet factory employes.	19,388
Carriage and hack drivers	36,794
Charc'l and coke burners	14,476
Chemical workers	14,814
Chemists	8,887
Cigar dealers	15,367
Clergymen	111,942
Clerks and copyists	632,099
Clock and watch makers.	24,188
Clothing dealers	18,097
Coal and wood dealers.	20,866
Commercial travelers	92,936
Compositors	36,849
Conductors (steam road).	42,935
Confectioners	31,242
Coopers	37,226
Copper workers	8,188
Cotton-mill operatives	246,004
Dairymen	10,931
Dentists	29,683
Designers and draftsmen	18,956
Distillers and rectifiers.	3,145
Dressmakers	347,076
Dry-goods dealers	45,840
Druggists	57,346
Dyers	17,904
Electricians	50,782
Electro-platers	6,387
Elevator tenders	12,691
Engineers (civil)	43,535
Engineers and firemen (not railway)	224,546
Engineers and firemen (railway)	107,150
Engravers	11,156
Farmers	5,681,257
Firemen (fire departm'ts)	14,576
Fishermen	73,810
Foremen and overseers	55,503
Furniture factory employes	23,078
Gardeners	62,418
Glass workers	49,999
Glovemakers	12,276
Gold and silver workers.	26,146
Harnessmakers	40,193
Hat and cap makers	22,733
Hostlers	65,381
Hotelkeepers	54,931
Housekeepers and stewards	155,524
Iron and steel workers	203,295
Janitors	51,226
Journalists	30,098
Knitting-mill operatives.	47,120
Laborers (general)	2,588,283
Laborers (railroad)	249,576
Laundry employes	387,013
Lawyers	114,703
Lead and zinc workers	5,335
Leather curriers and tanners	42,684
Librarians	4,184
Liquor merchants	13,119
Lithographers	7,956
Liverymen	33,680
Locksmiths, gunmakers, etc.	7,432
Longshoremen	20,934
Lumber dealers	16,774
Lumbermen	72,190
Machinists	233,432
Marble and stone cutters	54,525
Masons (stone and brick)	161,048
Merchants (wholesale)	42,310
Messengers	44,460
Millers	40,576
Milliners	87,881
Miners (coal)	344,292
Miners (gold and silver)	59,095
Model and patt'n makers	15,083
Molders	87,504
Musicians and music teachers	92,264
Nurses (total)	121,269
Nurses (trained)	11,892
Office boys	16,727
Officials (bank)	74,246
Officials (government)	90,290
Oil well and works employes	24,626
Packers and shippers	59,769
Painters and glaziers	277,990
Paperhangers	22,004
Paper-mill operatives	36,329
Peddlers	76,873
Photographers	27,029
Physicians and surgeons	132,225
Plasterers	35,706
Plumbers and fitters	97,884
Policemen	116,615
Porters	54,274
Potters	16,140
Printers and pressmen	103,855
Produce dealers	34,194
Professors in colleges	7,275
Publishers	10,970
Quarrymen	34,598
Restaurantkeepers	34,023
Roofers and slaters	9,068
Salesmen and salesw'm'n	611,787
Sailors	61,873
Saloonkeepers	83,875
Saw and planing mill employes	161,687
Seamstresses	151,379
Servants	1,458,010
Sextons	5,394
Shirt, collar and cuff makers	39,432
Showmen (professional)	16,625
Silk-mill operatives	54,160
Soldiers and sailors(U.S.)	126,744
Stenographers	98,827
Stereotypers and electrotypers	3,172
Stock raisers	85,469
Storekeepers (general)	33,031
Storekeepers (grocery)	156,557
Stovemakers	12,473
Street-railway employes.	68,936
Switchmen,yardmen, etc.	50,241
Tailors	230,277
Teachers	439,522
Teamsters	504,321
Telegraph operators	55,885
Telephone operators	19,195
Theatrical managers	3,488
Tinplate and tinware workers	70,613
Tobacco-factory employes	131,464
Tool and cutlery makers.	28,122
Trunkmakers	3,657
Typewriters	13,637
Undertakers	16,200
Upholsterers	30,839
Veterinary surgeons	8,190
Waiters	107,130
Wheelwrights	13,539
Wire workers	18,487
Woolen-mill operatives	73,196

DISTURBANCES IN CHINA.

Changsha, capital of the province of Hunan, China, was the scene of serious riots beginning April 13, 1910. Originally the outbreak was caused by a famine due to a corner in rice, but an active antiforeign propaganda led to attacks on missionaries and their property. Several missions, which were located near the rice shops, were burned by mobs and all the foreigners in the city were compelled to take refuge on vessels in the harbor. All of the foreign-owned buildings in the city, including the consulates, met the same fate. Several Chinese officials were killed while trying to subdue the rioters. The disturbance extended to other places in the province, but the greatest damage was done in the capital. The arrival of a number of gunboats in the harbor finally put a stop to the rioting toward the end of April.

SYMPATHETIC STRIKES UNLAWFUL.

In a decision handed down by the United States Circuit Court of Appeals in Richmond, Va., March 12, 1910, the injunction issued by Judge Alston G. Dayton of West Virginia in the suit of the Hitchman Coal and Coke company against the United Mine Workers of America was sustained and made permanent. The company alleged that on April 1, 1906, a strike was inaugurated by its employes in response to a call issued by the United Mine Workers of America, who designed to compel coal operators in other sections to accede to their demands. The strike was therefore a sympathetic one, the firm in question having complied with all the terms and conditions laid down by the miners. The Appellate court's decision was, in effect, that such strikes are unlawful.

MEN OF THE YEAR.

ANDREW, Andrew Platt—Born in Laporte, Ind., Feb. 12, 1873; graduated from Princeton university, 1894; studied in Berlin and Paris; became professor of economics in Harvard university, giving courses on money, banking and commercial crises; appointed expert adviser of national monetary commission in 1908; appointed director of the mint in 1909 and assistant secretary of the treasury in 1910.

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BERGER, Victor L.—Born in Austria-Hungary, Feb. 28, 1860; educated in gymnasium and University of Budapest; emigrated to the United States and worked at various trades; later taught in public schools; leader in organizing the social democratic party in the United States; editor of socialistic newspapers in Milwaukee, Wis., since 1892; elected to congress Nov. 8, 1910; first socialist in congress.

BRAGA, Theophilo—Born in Ponta Delgada, Azores, Feb. 24, 1843; studied law in the University of Coimbra, Portugal, and was admitted to the doctorate in 1868; devoted himself to writing poetry and history; published many works dealing with Portuguese and universal history and others on philosophical subjects; chosen president of new Portuguese republic by revolutionists in 1910.

BROWARD, Napoleon Bonaparte—Born in Duval county, Florida, April 19, 1857; educated in public schools; engaged in farming, fishing and steamboating; served as sheriff of Duval county, 1887 to 1900; member of state legislature, 1900; democrat in politics; member state board of health, 1900-1904; governor of Florida, 1905-1909; chosen at primaries in 1910 to succeed James P. Taliaferro as United States senator.

Photo by Crittenden Marriott, Washington, D. C.

BURKE, John—Born in Keokuk, Iowa, Feb. 25, 1859; educated in common schools and law department of Iowa State university; practiced in Des Moines, 1886-1888; moved to north Dakota; democrat in politics; member of house of representatives 1891-1893, and of senate 1893-1895; elected governor of North Dakota for the term 1907-1910; was elected to second term November, 1910.

CRUCE, Lee—Born in Kentucky; educated in common and high schools and in Vanderbilt university; moved to Oklahoma territory in 1891, settling in Ardmore; became cashier of the Ardmore National bank, Aug. 31, 1901; elected president of the Oklahoma Federated Clubs and Industrial Organization in 1905 and 1907; democrat; elected governor of state of Oklahoma in 1910.

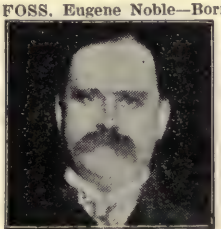
DIX, John Alden—Born in Glens Falls, N. Y., Dec. 25, 1861; educated in Glens Falls academy and in Cornell university, graduating in 1883; worked in machine shops and then engaged in lumber and paper mill business; also interested in banking in Albany; nominated for lieutenant-governor of New York by democrats in 1908, but was defeated; elected governor of New York Nov. 8, 1910.

New York Herald Syndicate Photo

EBERHART, Adolph O.—Born in Sweden, June 23, 1870; came to America alone at age of 11; herded cattle in Nebraska and worked on farm until he was 21; graduated from Gustavus Adolphus college, St. Peter, Minn., 1895; studied law and practiced at Mankato, Minn; republican; elected to state senate in 1902; elected lieutenant-governor in 1906; on death of J. A. Johnson became governor in 1909; elected to same office in 1910.

Brush Photo, Minneapolis, Minn.

FOSS, Eugene Noble—Born in West Berkshire, Vt., Sept. 24, 1858; educated in common and high schools and University of Vermont; represented manufacturing concern in west until 1882; in that year located in Boston and engaged in the manufacture of iron-working tools and coal hoisting and handling machinery; elected to congress as a democrat in March, 1910, and governor of Massachusetts in November, 1910.



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FOLKS, Homer—Born in Hanover, Mich., Feb. 18, 1867; educated in common schools, Albion college and Harvard university; superintendent Children's Aid society, Pennsylvania, 1890-1893; secretary of State Charities Aid association, New York, since 1893; helped reorganize public charities in Cuba, 1900; commissioner public charities; president National Conference of Charities and Correction, 1910.

GARDNER, William A.—Born in Gardner, Ill., March 8, 1859; telegraph operator on Chicago & Alton road at Lemont, Ill., 1872-1878; since 1878 in service of the Chicago & Northwestern railroad; assistant superintendent and then superintendent of the Wisconsin division, 1885-1896; assistant general superintendent, 1896-1899; general manager, 1899-1906; vice-president, 1906-1910; elected president, 1910, to succeed Marvin Hughitt.

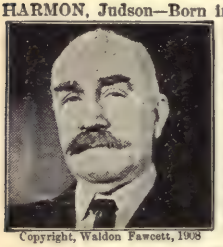
Daily News Photo

GRAVES, Henry Solon—Born in Marietta, O., May 3, 1871; graduated from Yale in 1892; studied forestry at Harvard and later at Munich, Germany; examined and reported on Black Hills forest reserve in 1897; was assistant chief of division of forestry, Washington, 1898-1900; director of Yale forest school, 1900-1910; appointed chief forester of the United States in 1910, to succeed Gifford Pinchot.

Photo by Underwood & Underwood

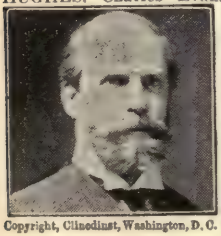
HARDINGE, Charles—Born in 1858; educated at Harrow and Trinity colleges, Cambridge; entered diplomatic service, 1880; secretary of legation, Teheran, 1896; secretary of embassy, St. Petersburg, 1898-1903; assistant undersecretary for foreign affairs, 1903-1904; ambassador to Russia, 1904-1906; permanent undersecretary of state for foreign affairs, 1906-1910; appointed viceroy of India, 1910, to succeed the Earl of Minto.

HARMON, Judson—Born in Hamilton county, Ohio, Feb. 3, 1846; graduated from Denison university, 1866, and Cincinnati Law school, 1869; judge Common Pleas court, 1876-1878; judge Superior court of Cincinnati, 1878-1887; attorney-general of the United States, 1895-1897; member of faculty in law department University of Cincinnati; elected governor of Ohio on democratic ticket, 1908; re-elected Nov. 8, 1910.



Copyright, Waldon Fawcett, 1908

HUGHES, Charles Evans—Born in Glens Falls, N. Y., April 11, 1862; educated in Colgate university; admitted to New York bar, 1884; practiced law in New York city and lectured on legal subjects in New York Law school; counsel for Armstrong insurance commission, 1905-1906; elected governor of New York in 1906 and 1908; republican in politics; appointed justice of the United States Supreme court in 1910.



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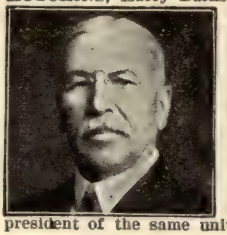
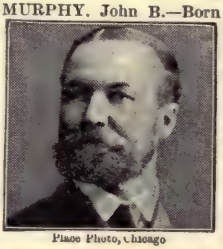
HUTCHINS, Harry Burns—Born in Lisbon, N. Y., April 8, 1847; graduated from University of Michigan in 1871; professor of history and rhetoric in same institution, 1872-1876; professor of law, 1884-1887; professor of law in Cornell university, 1887-1895; edited and revised five volumes of Michigan Supreme court reports; dean of University of Michigan law department, 1895-1910; elected president of the same university, 1910.



M'GOVERN, Francis E.—Born in Sheboygan county, Wisconsin, Jan. 21, 1866; educated in district schools and in University of Wisconsin, graduating in 1890; served as high school principal in Brodhead and Appleton; admitted to the bar in Milwaukee in 1897; served as district attorney of Milwaukee county two terms; republican; unsuccessful candidate for United States senator in 1908; elected governor of Wisconsin in 1910.

Photo by S. L. Stein, Milwaukee, Wis.

MURPHY, John B.—Born in Appleton, Wis., Dec. 21, 1857; graduated from Rush Medical college, 1879, and studied in Europe, 1882-1884; began practice in Chicago in 1879 and resumed it on return from Europe; won distinction in surgery and especially for invention of the "anastamosis button"; awarded Laetare medal, 1902; professor of surgery in University of Chicago; elected president American Medical association, 1910.



Place Photo, Chicago

NORTON, Charles D.—Born in Oshkosh, Wis., March 12, 1871; educated at Ripon college and Amherst, graduating in 1893; traveled two years in Europe; entered insurance business in Milwaukee, Wis.; came to Chicago in 1897 as agent for the Northwestern Mutual Life company; appointed assistant secretary of the United States treasury in 1909 and private secretary to President Taft in 1910.

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OSBORN, Chase Salmon—Born in Huntington county, Indiana, Jan. 22, 1860; educated in public schools and Purdue university; engaged in newspaper work in Lafayette, Ind., Chicago, Ill., and Milwaukee, Wis., until 1883; publisher of newspapers in Florence, Wis., Sault Ste. Marie and Saginaw, Mich.; republican; state game and fish warden of Michigan, 1895-1899; elected governor of Michigan, Nov. 8, 1910.

Lockwood Photo, Sault Ste. Marie, Mich.

PERCY, Leroy—Born in Washington county, Mississippi, Nov. 9, 1861; son of Col. William Percy, formerly of Alabama; was graduated from the University of the South at Suwanee, Tenn., and from the law department of the University of Virginia; took a postgraduate course in Princeton university; practiced law in Greenville, Miss., in connection with the management of large land interests; democrat; elected U. S. senator in 1910.

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PURCELL, William E.—Born in Flemington, N. J., Aug. 3, 1856; educated in public schools of Hunterdon county, New Jersey; studied law; appointed U. S. attorney for Dakota territory, 1888, by President Cleveland; resigned to become member of state constitutional convention of North Dakota; elected state senator from 12th district, 1906; democratic in politics; appointed U. S. senator in 1910.

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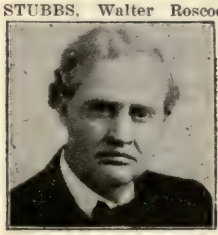
SANDERS, Jared Young—Born Jan. 29, 1869, in Franklin, St. Mary parish, La.; educated in common schools; studied and practiced law; democratic in politics; member of Louisiana legislature, 1892-1904; unanimously elected speaker of house, 1904; elected lieutenant-governor in 1904 and governor in 1908; member of constitutional convention, 1898; elected United States senator in 1910 to succeed Samuel D. McEnery, deceased; declined to serve.

New York Herald Syndicate Photo

SPALDING, Albert G.—Born in Byron, Ill., Sept. 2, 1850; educated in public schools and Rockford (Ill.) Commercial college; became amateur and then professional ball player; was pitcher and captain of Boston club, 1871-1875; joined Chicago club in 1876 and remained as manager and president until 1891; established sporting goods business; indorsed at the primaries for United States senator by republicans of California, 1910.

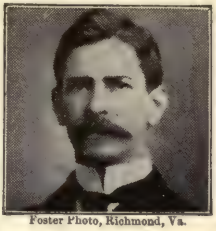
New York Herald Syndicate Photo

STUBBS, Walter Roscoe—Born near Richmond, Ind., Nov. 7, 1858; engaged in farming and then organized the Stubbs Construction company; had four years' contract on Chicago sanitary canal; did much railroad construction work and became wealthy; moved to Kansas and was elected to legislature in 1903 and 1905 as republican; chosen speaker of house in 1905; elected governor in 1908; re-elected in 1910.



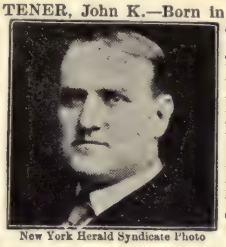
Copyright, C. F. Squires, Lawrence, Kas.

SWANSON, Claude Augustus—Born in Swansonville, Pittsylvania county, Va., March 31, 1862; educated in the public schools, the Virginia Agricultural and Mechanical college; graduated from the law department of the University of Virginia in 1886; engaged in practice in Chatham, Va.; democrat; member of congress from 5th Virginia district, 1893-1905; governor of Virginia, 1906-1910; appointed U. S. senator Aug. 1, 1910.



Foster Photo, Richmond, Va.

TENER, John K.—Born in County Tyrone, Ireland, July 25, 1863; came to America in 1872; educated in common and high schools of Pittsburg; employed by manufacturing firms and corporations in and about Pittsburg; played professional baseball with Chicago team, 1885-1890; banker in Charleroi, Pa., 1891; republican; elected to congress, 1908; elected governor of Pennsylvania, 1910.



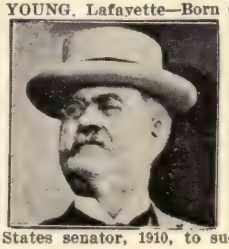
New York Herald Syndicate Photo

TERRELL, Joseph Meriwether—Born in Greenville, Ga., June 6, 1861; educated in public schools; admitted to bar, 1886; democrat; elected to assembly in 1884 and 1886; to the senate in 1890; attorney-general of Georgia five terms; resigned to become candidate for governor; elected governor in 1902 and re-elected in 1904 without opposition; appointed United States senator in 1910 to succeed A. S. Clay, deceased.

WILSON, Woodrow—Born in Staunton, Va., Dec. 28, 1856; graduated from Princeton university, 1879; studied law and practiced in Atlanta, Ga., 1882-1883; professor of history and political economy at Bryn Mawr college, 1885-1888; at Wesleyan university, 1888-1890; professor of jurisprudence at Princeton, 1890-1902; president of Princeton university, 1902-1910; elected governor of New Jersey on democratic ticket, 1910.

New York Herald Syndicate Photo

YOUNG, Lafayette—Born in Morgan county, Iowa, May 10, 1848; educated in common schools; entered printing business in Albia; moved to Des Moines in 1866, and except one year spent in St. Louis has lived there since; became city editor of the State Register; editor and publisher of the Des Moines Daily Capital; republican; nominated Roosevelt for vice-president, 1900; appointed United States senator, 1910, to succeed J. P. Dolliver.



NATIONAL CEMETERIES IN THE UNITED STATES.

With number of interments to June 30, 1906.

Name of cemetery.	Known.	Unknown.	Total.
Alexandria, La.	551	772	1,323
Alexandria, Va.	3,427	124	3,551
Andersonville, Ga.	12,794	925	13,719
Annapolis, Md.	2,304	204	2,508
Antietam, Md.	2,921	1,830	4,751
Arlington, Va.	15,751	4,625	20,376
Balls Bluff, Va.	1	24	25
Barrancas, Fla.	920	710	1,630
Baton Rouge, La.	2,559	532	3,091
Battle Ground, D. C.	43	.....	43
Beaufort, S. C.	4,862	4,544	9,406
Beverly, N. J.	181	7	188
Brownsville, Tex.	1,480	1,379	2,859
Camp Butler, Ill.	1,013	356	1,369
Camp Nelson, Ky.	2,464	1,180	3,653
Cave Hill, Ky.	3,760	582	4,342
Chalmette, La.	7,159	5,745	12,904
Chattanooga, Tenn.	8,439	4,970	13,409
City Point, Va.	3,780	1,379	5,159
Cold Harbor, Va.	672	1,290	1,962
Corinth, Miss.	1,794	3,936	5,730
Crown Hill, Ind.	953	33	986
Culpeper, Va.	463	912	1,375
Custer Battlefield, Mont.	983	244	1,227
Cypress Hills, N. Y.	6,129	381	6,510
Danville, Ky.	349	8	357
Danville, Va.	1,175	156	1,331
Fayetteville, Ark.	482	782	1,264
Finns Point, N. J.	113	2,539	2,652
Florence, S. C.	209	2,801	3,010
Fort Donelson, Tenn.	163	512	675
Fort Gibson, Ind. Ter.	257	2,212	2,469
Fort Harrison, Va.	243	575	818
Fort Leavenworth, Kas.	1,941	1,549	3,490
Fort McPherson, Neb.	478	353	831
Fort Scott, Kas.	634	125	759
Fort Smith, Ark.	869	1,485	2,354
Fredericksburg, Va.	2,508	12,802	15,310
Gettysburg, Pa.	2,005	1,631	3,636
Glendale, Va.	238	969	1,207
Grafton, W. Va.	643	620	1,266
Hampton, Va.	8,914	600	9,514
Jefferson Barracks, Mo.	9,172	2,932	12,104
Jefferson City, Mo.	401	411	812
Keokuk, Iowa.	725	43	768
Knoxville, Tenn.	2,311	1,067	3,378
Lebanon, Ky.	596	277	873
Lexington, Ky.	840	112	952
Little Rock, Ark.	3,474	2,370	5,844
Loudon Park, Md.	2,993	381	3,274
Marietta, Ga.	7,386	2,978	10,364
Memphis, Tenn.	5,203	9,017	14,223
Mexico City, Mexico.	765	750	1,515
Mill Springs, Ky.	354	368	722
Mobile, Ala.	843	229	1,072
Mound City, Ill.	2,632	2,732	5,364
Nashville, Tenn.	11,972	4,711	16,683
Natchez, Miss.	471	2,780	3,251
New Albany, Ind.	2,319	676	2,995
Newbern, N. C.	2,259	1,100	3,359
Philadelphia, Pa.	2,712	188	2,900
Poplar Grove, Va.	2,200	4,012	6,212
Port Hudson, La.	600	3,239	3,839
Quincy, Ill.	230	57	287
Raleigh, N. C.	639	572	1,211
Richmond, Va.	871	5,700	6,571
Rock Island, Ill.	290	20	310
Salisbury, N. C.	112	12,035	12,147
San Antonio, Tex.	1,289	284	1,573
San Francisco, Cal.	4,844	467	5,311
Santa Fe, N. Mex.	394	442	836
Seven Pines, Va.	163	1,225	1,388
Shiloh, Tenn.	1,240	2,377	3,617
Soldiers' Home, D. C.	6,802	291	7,093
Springfield, Mo.	1,029	740	1,769
St. Augustine, Fla.	1,696	73	1,769
Staunton, Va.	237	527	764
Stone River, Tenn.	3,819	2,333	6,152
Vicksburg, Miss.	4,094	12,769	16,863
Wilmington, N. C.	749	1,577	2,326
Winchester, Va.	2,102	2,387	4,489
Woodlawn, N. Y.	3,068	7	3,075
Yorktown, Va.	756	1,435	2,191
Total.	201,282	152,103	353,385

Of these interments about 9,300 are those of confederates, being mainly in the national cemeteries at Camp Butler, Cypress Hill, Finns Point, Fort Smith, Hampton, Jefferson Barracks and Woodlawn.

STRIKES AND LOCKOUTS IN THE UNITED STATES.

From Jan. 1, 1881, to Dec. 31, 1905.

[Compiled from twenty-first annual report of the commissioner of labor.]

Year.	Strikes. Number.	Establishments.	Strikers.	Thrown out of work.	Per cent of establishments in which strike— Succeed'd	Succeed'd partly	Failed	Lockouts. Number.	Establishments.	Locked out.	Thrown out of work.	Per cent of establishments in which lockout— Succeed'd	Succeeded partly	Failed.
1881	471	2,928	101,070	129,521	61.37	7.00	31.63	6	9	655	655	88.89	11.11	.....
1882	454	2,105	120,860	154,671	53.59	8.17	38.24	22	42	4,131	4,131	64.29	.....	35.71
1883	478	2,759	122,198	149,763	58.17	16.09	25.74	28	117	20,512	20,512	56.41	.....	43.59
1884	443	2,367	117,313	147,054	51.50	3.89	44.61	42	354	18,121	18,121	27.97	.28	71.75
1885	645	2,284	158,584	242,705	52.80	9.50	37.70	50	183	15,424	15,424	38.25	3.28	58.47
1886	1,432	10,053	407,152	508,044	34.51	18.85	46.64	140	1,509	101,980	101,980	21.18	13.11	65.71
1887	1,436	6,589	272,776	379,676	45.64	7.19	47.17	67	1,281	57,534	59,630	34.19	1.25	64.56
1888	906	3,506	103,218	147,704	52.22	5.48	42.30	40	180	13,787	15,176	74.44	3.89	21.67
1889	1,075	3,786	205,068	249,559	46.49	18.91	34.60	36	132	10,471	10,731	40.91	25.76	33.33
1890	1,833	9,424	285,900	351,944	52.65	10.01	37.34	64	324	19,233	21,555	65.74	5.56	28.70
1891	1,717	8,116	245,042	298,999	37.88	8.29	53.83	69	546	14,116	31,014	63.92	14.29	21.79
1892	1,298	5,540	163,499	206,671	39.31	8.70	51.99	61	716	30,050	32,014	69.13	25.28	5.59
1893	1,305	4,555	195,008	265,914	50.86	10.32	38.82	70	905	13,016	21,842	41.90	18.31	39.79
1894	1,349	8,196	505,049	660,425	38.09	13.50	48.41	55	875	28,548	29,619	11.31	2.40	86.29
1895	1,215	6,973	285,742	392,403	55.24	9.94	34.82	40	370	12,754	14,785	13.24	.27	86.49
1896	1,026	5,462	183,813	241,170	59.19	7.47	33.34	46	51	3,675	7,668	80.39	1.96	17.65
1897	1,078	8,492	332,570	408,391	57.31	28.12	14.57	32	171	7,651	7,763	60.82	3.51	35.67
1898	1,056	3,809	182,067	249,002	64.21	6.38	29.41	42	164	1,038	14,217	63.41	.61	35.98
1899	1,797	11,317	308,367	417,072	73.24	14.25	12.51	41	323	14,698	14,817	18.01	.62	81.37
1900	1,779	9,248	399,656	505,076	46.43	20.62	32.95	60	2,281	46,562	62,653	94.30	.31	5.39
1901	2,924	10,908	396,280	543,386	48.77	17.13	34.10	88	451	16,257	20,457	37.03	42.13	20.84
1902	3,162	14,248	558,143	659,792	47.31	22.85	29.84	78	1,304	30,304	31,715	78.22	4.06	17.72
1903	3,494	20,248	531,682	656,055	40.87	23.40	35.73	154	3,288	112,332	131,779	81.39	5.17	13.44
1904	2,307	10,202	375,754	517,211	35.28	15.28	49.44	112	2,316	44,908	56,604	55.91	23.06	21.03
1905	2,077	8,292	176,337	221,686	40.17	11.45	48.38	109	1,255	68,474	80,748	31.60	32.64	35.76
Total	36,757	181,407	6,728,048	8,703,824	147.94	15.28	36.78	1,546	18,547	716,231	825,610	57.20	10.71	32.09

RAILROADS OF THE UNITED STATES.

OPERATING STATISTICS OF PRINCIPAL SYSTEMS.

Fiscal year ended June 30, 1910.

Railroad.	Mileage operated.	Operating revenues.	Operating expenses.	Taxes.	Operating income.
Alabama Great Southern	309	$4,221,006	$2,895,152	$136,548	$1,181,361
Atchison, Topeka & Santa Fe	9,961	104,993,194	69,761,820	4,006,419	36,770,521
Atlantic Coast Line	11,396	100,188,628	62,732,169	2,674,551	23,268,362
Baltimore & Ohio	4,434	88,901,252	61,333,801	2,469,964	24,497,854
Boston & Maine	2,290	43,357,175	31,336,324	2,076,880	9,991,231
Central of Georgia	1,918	12,052,756	8,474,910	540,619	3,106,998
Central of New Jersey	669	25,851,511	13,268,483	1,174,924	10,583,028
Chesapeake & Ohio	1,937	31,237,169	18,936,699	873,744	12,300,470
Chicago & Alton	998	13,358,475	8,640,207	447,434	3,803,999
Chicago & Northwestern	7,629	74,175,684	52,153,619	2,979,512	18,985,612
Chicago, Burlington & Quincy	9,647	87,869,517	63,010,965	2,970,737	21,723,533
Chicago Great Western (ten months)	1,487	10,171,783	7,726,375	304,722	2,123,010
Chicago, Indianapolis & Louisville	615	6,020,242	3,948,135	268,655	1,803,453
Chicago, Milwaukee & St. Paul	10,462	64,846,894	44,790,997	2,529,373	17,734,144
Chicago, Milwaukee & Puget Sound	1,427	10,765,703	5,274,860	235,361	5,255,482
Chicago, Rock Island and Pacific	8,023	66,223,948	48,072,647	2,876,925	15,118,484
Cincinnati, Hamilton & Dayton	1,036	9,446,524	7,587,296	308,761	1,550,466
Colorado & Southern	1,673	16,777,981	10,863,455	477,869	5,414,332
Delaware & Hudson (calendar year 1909)	843	19,525,859	11,458,479	712,890	5,194,840
Delaware, Lackawanna & Western (1909)	445	34,815,111	18,745,509	1,394,500	15,039,686
Denver & Rio Grande	2,598	23,563,437	15,801,954	823,515	6,955,952
Duluth, South Shore & Atlantic	605	2,719,338	1,979,518	203,600	544,086
Erie	2,391	54,866,190	37,725,575	1,374,757	15,765,857
Great Northern	6,700	64,465,370	39,278,096	3,570,302	21,856,980
Hocking Valley	664	7,569,330	4,654,281	287,469	2,539,765
Illinois Central	4,550	57,884,721	43,320,730	2,524,899	12,787,921
International & Great Northern (1909)	1,159	8,097,939	6,598,145	241,245	1,076,487
Kansas City Southern	1,207	9,594,652	6,268,585	343,773	2,982,294
Lake Erie & Western (1909)	886	5,043,989	3,860,442	217,424	966,122
Lake Shore & Michigan Southern	1,663	45,110,997	28,023,661	1,458,905	15,549,524
Lehigh Valley	1,433	36,167,398	21,684,147	1,106,762	14,483,251
Long Island (1909)	390	10,898,371	7,452,517	501,836	2,944,018
Louisville & Nashville	7,154	52,433,382	34,985,579	1,602,632	15,845,171
Maine Central	931	8,922,312	6,102,287	444,852	2,411,400
Michigan Central	1,746	27,415,467	18,499,528	1,121,532	7,743,255
Minneapolis, St. Paul & Sault Ste. Marie*	3,498	15,060,237	7,888,654	908,278	6,380,578
Missouri, Kansas & Texas	3,072	26,559,346	19,186,049	1,012,918	6,348,608
Missouri Pacific (1909)	3,492	21,468,537	16,905,423	852,558	3,698,761
Mobile & Ohio	1,114	10,636,733	7,410,967	292,221	2,902,902
New York Central & Hudson River	3,782	93,171,860	64,593,826	4,434,504	24,349,498
New York, New Haven & Hartford	2,042	60,693,667	38,689,216	3,983,377	21,583,823
New York, Ontario & Western	546	8,578,783	5,882,147	211,693	2,441,100
Norfolk & Western	1,937	35,063,870	21,046,759	1,118,964	14,044,353
Northern Pacific	6,066	75,447,977	46,541,808	3,674,229	24,752,415
Pennsylvania Railroad company	11,259	153,564,527	107,136,131	4,767,029	37,479,332
Pere Marquette	2,364	16,542,271	11,698,842	755,641	4,087,788
Philadelphia & Reading	1,022	45,428,083	26,563,617	2,338,992	16,525,474
St. Louis & San Francisco	6,037	41,165,939	28,676,842	1,458,186	11,030,911
St. Louis Southwestern	1,576	10,986,515	8,146,057	369,704	2,458,143
Seaboard Air Line	3,015	20,068,771	13,156,073	748,406	6,122,936
Southern Pacific	10,083	126,090,302	74,021,425	4,397,908	47,612,841
Southern	7,050	57,294,508	38,635,746	1,979,722	16,698,020
Texas & Pacific	1,990	15,990,497	11,625,385	604,952	3,769,263
Union Pacific	6,296	88,506,465	45,132,682	3,264,347	40,024,835
Wabash	3,121	25,740,074	18,843,748	851,323	8,349,833
Wheeling & Lake Erie	522	5,397,001	4,298,244	252,043	846,714

*Includes the Wisconsin Central.

PASSENGER AND FREIGHT TRAFFIC OF LEADING RAILROADS.

Road.	Year ended.	Passengers carried.	Tons fr't carried.	Cars in service.	Locomotives in service.
Atchison, Topeka & Santa Fe	June 30, 1910..	13,675,343	19,448,590	59,651	1,923
Baltimore & Ohio	June 30, 1910..	21,107,120	62,797,745	84,776	2,055
Boston & Maine	June 30, 1910..	51,255,361	22,815,528	26,193	1,133
Chicago & Alton	June 30, 1910..	3,833,022	8,511,682	12,866	271
Chicago & Northwestern	June 30, 1910..	28,697,470	39,339,739	65,971	1,520
Chicago, Burlington & Quincy	June 30, 1910..	21,512,255	27,867,618	56,109	1,673
Chicago, Milwaukee & St. Paul	June 30, 1910..	15,261,551	27,499,704	48,485	1,199
Chesapeake & Ohio	June 30, 1910..	4,969,612	22,892,229	38,766	699
Denver & Rio Grande	June 30, 1910..	2,054,181	12,943,086	19,039	580
Erie railroad	June 30, 1910..	25,277,283	38,763,600	51,796	1,436
Great Northern	June 30, 1910..	8,343,557	26,949,267	46,809	1,127
Illinois Central	June 30, 1910..	25,244,516	27,588,277	63,150	1,272
Lake Shore & Michigan Southern	Dec. 31, 1909..	8,984,781	33,089,566	36,877	768
Lehigh Valley	June 30, 1910..	5,172,961	27,181,537	45,317	874
Long Island	Dec. 31, 1909..	8,984,781	33,089,566	36,877	768
Louisville & Nashville	June 30, 1910..	11,030,027	30,155,217	44,794	878
Michigan Central	Dec. 31, 1909..	5,435,632	18,826,141	19,780	580
Missouri Pacific	June 30, 1909..	5,211,555	10,028,425	23,325	518
New York Central & Hudson River	Dec. 31, 1909..	45,845,068	44,171,954	67,893	1,858
New York, New Haven & Hartford	June 30, 1910..	82,905,137	22,738,981	38,280	1,066
Norfolk & Western	June 30, 1910..	4,920,108	25,412,529	20,527	635
Northern Pacific	June 30, 1909..	8,404,712	16,800,504	48,920	1,323

	Year ended.	Passengers carried.	Tons fr't carried.	Cars in service.	Locomotives in service.
Pennsylvania	Dec. 31, 1909..	64,219,984	120,418,380	69,068	3,206
Pere Marquette	June 30, 1910..	5,633,295	10,527,251	19,384	417
Philadelphia & Reading	June 30, 1910..	31,333,231	23,260,452	42,658	1,032
St. Louis & San Francisco	June 30, 1910..	10,413,792	17,829,713	29,823	947
Southern	June 30, 1910..	15,694,486	25,204,297	52,339	928
Southern Pacific	June 30, 1909..	34,583,043	14,723,790	25,465	1,225
Union Pacific	June 30, 1910..	8,306,930	15,312,211	31,554	1,134
Wabash	June 30, 1910..	5,889,189	12,304,460	23,901	662

RAILWAY STATISTICS FOR YEAR ENDING JUNE 30, 1909.

[Summary prepared by interstate-commerce commission.]

INCOME ACCOUNT OF OPERATING ROADS.

Rail operations:		
Operating revenues	$2,418,677,538	
Operating expenses	1,599,443,410	
Net operating revenue		$819,234,128
Outside operations:		
Revenues	54,527,763	
Expenses	50,590,794	
Net revenue from outside operations		3,936,969
Total net revenue		823,171,097
Taxes accrued		85,139,554
Operating income		738,031,543
Other income		199,041,118
Gross corporate income		937,072,661
Deductions from gross corporate income		548,908,546
Net corporate income		388,164,115
Disposition of net corporate income:		
Dividends declared from current income	$233,069,739	
Additions and betterments charged to income	23,675,622	
Appropriations to reserves and miscellaneous items	20,632,313	
Total		277,377,674
Balance to profit and loss		110,786,441

PROFIT AND LOSS ACCOUNT OF OPERATING ROADS.

Credit balance June 30, 1908	$720,423,740
Credit balance June 30, 1909	110,786,441
Total	831,210,181
Dividends declared out of surplus	38,973,760
Difference	792,236,421
Other profit and loss items—debit balance	23,708,013
Balance credit, June 30, 1909, carried to balance sheet	768,528,408

INCOME ACCOUNT OF LEASED ROADS.

Gross income from lease of road	$116,533,953	
Salaries and maintenance of organization	406,309	
Taxes accrued	5,389,460	
Net income from lease of road		$110,738,184
Other income		3,778,493
Gross corporate income		114,516,677
Deductions from gross corporate income		61,618,049
Net corporate income		52,898,628
Disposition of net corporate income:		
Dividends declared from current income	$34,617,102	
Additions and betterments charged to income	1,257,633	
Appropriations to reserves and miscellaneous items	357,808	
Total		36,232,543
Balance to credit of profit and loss		16,666,085

PROFIT AND LOSS ACCOUNT OF LEASED ROADS.

Credit balance in profit and loss account on June 30, 1908	$25,406,156
Credit balance brought from income account on June 30, 1909	16,666,085
Total	42,072,241
Dividends declared out of surplus	14,230,229
Difference	27,842,012
Other profit and loss items—credit balance	6,715,969
Balance credit, June 30, 1909, carried to balance sheet	34,557,981

RAILWAY MILEAGE.

Single track	235,402.09
Second track	20,949.41
Third track	2,169.55
Fourth track	1,453.56
Yard track and sidings	82,376.63
Total mileage operated	342,351.24

EQUIPMENT IN SERVICE AT END OF YEAR.

Locomotives	57,212
Cars	2,218,280

EMPLOYES AND COMPENSATION.

Total number in service at end of year	1,502,823
Enginemen	57,077
Firemen	60,349
Conductors	43,608
Other trainmen	114,760
Switch tenders, etc.	44,698
Total yearly compensation	$988,323,694

PASSENGER AND FREIGHT SERVICE.

Number of passengers carried earning revenue	891,472,425
Number of passengers carried one mile	29,109,322,589
Number of tons carried of freight earning revenue	1,532,981,790
Number of tons carried one mile	218,802,986,929

ANALYSIS OF OPERATING REVENUES.

For the year ending June 30, 1909.

Item.	Amount.
Freight revenue	$1,677,614,678
Passenger revenue	563,609,342
Mail revenue	49,380,783
Express revenue	59,647,022
Excess baggage revenue and milk revenue (on passenger trains)	13,694,171
Parlor and chair car revenue and other passenger train revenue	3,989,612
Switching revenue	21,599,256
Special service train revenue and miscellaneous transportation revenue	7,833,852
Total revenue from operations other than transportation	19,756,577
Joint facilities, Dr.	500,301
Joint facilities, Cr.	2,052,546
Total	2,418,677,538

ANALYSIS OF OPERATING EXPENSES.

Maintenance of way and structures	$308,450,105
Maintenance of equipment	363,912,886
Traffic expenses	49,287,148
Transportation expenses	814,088,145
General expenses	63,677,378
Undistributed	27,744
Total	1,599,443,410

CAPITALIZATION.

Capital outstanding June 30, 1909	$17,487,868,935
In hands of public	13,711,867,733
Common stock	6,218,382,485
Preferred stock	1,467,896,060
Total stock	7,686,278,545
Mortgage bonds	6,942,012,066
Collateral trust bonds	1,147,377,191
Plain bonds, debentures, notes	803,537,301
Income bonds	284,497,531
Miscellaneous obligations	316,297,240
Equipment trust obligations	307,869,061
Total funded debt	9,801,590,390
Dividends declared	321,071,626

POOR'S MANUAL STATISTICS.

According to Poor's Manual of Railroads for 1910, the capital stock of all the railroads in the United States at the end of 1909 was $8,020,680,963, compared with $7,641,913,086 in 1908, an increase of $388,767,877, or 5.09 per cent. The bonded debt at the end of 1909 was $9,118,103,813. The increase in this item was $329,585,768, or 3.75 per cent, in the twelve months. The profit and loss surplus of all the roads is $919,823,188.

The number of passengers carried in 1909 was 924,423,075, an increase of 33,188,072. The gross earnings for 1909 were $2,513,212,763, as against $2,407,019,810 in 1908. The increase was $106,192,953, or 4.41 per cent. The net earnings for 1909 were $852,153,280, against $717,802,167 for the preceding year. The increase was $134,351,113, or 18.73 per cent.

The total mileage of steam railroads on Dec. 31, 1909, was 238,356 miles, as against 232,046 miles on Dec 31, 1908, showing an increase of 6,310 miles. The revenue a ton mile was 0.757 cent, as against 0.767 cent in 1908. The revenue a passenger mile was 1.934 cents, as against 1.964 cents in 1908.

RAILROAD ACCIDENTS.

For years ended June 30. Reported by interstate-commerce commission.

DERAILMENTS AND COLLISIONS.

	1910			1909		
	No.	Killed.	Injured.	No.	Killed.	Injured.
Collisions, rear	1,311	119	2,324	859	83	1,556
Collisions, butting	695	194	3,008	485	159	1,878
Collisions, train separating	418	5	197	386	6	159
Collisions, miscellaneous	3,437	115	2,236	2,681	94	1,802
Total collisions	5,861	433	7,765	4,411	342	5,395
Derailments due to:						
Defects of roadway, etc	1,115	42	1,337	991	25	1,195
Defects of equipment	2,734	40	636	2,362	28	631
Negligence of trainmen, signal men, etc	377	23	311	307	25	329
Unforeseen obstructions of track, etc	350	58	825	331	79	486
Malicious obstruction of track, etc	66	18	227	51	21	166
Miscellaneous causes	1,276	159	1,478	1,217	83	1,334
Total derailments	5,918	340	4,814	5,259	261	4,141
Total collisions and derailments	11,779	753	12,579	9,670	603	9,536
Damage to cars, engines, roadway		$9,823,958			$7,480,203	

	1910.		1909.		1908.		1907.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Passengers—In train accidents	217	7,516	131	5,865	165	7,430	410	9,070
Other causes	204	6,240	204	6,251	241	5,215	237	4,527
Total passengers	421	13,756	335	12,116	406	12,645	647	13,597
Employes—In train accidents	715	6,791	520	4,877	642	6,818	1,011	8,924
In coupling accidents	206	2,985	161	2,353	239	3,121	302	3,948
Overhead obstructions, etc	96	1,377	76	1,229	110	1,353	134	1,591
Falling from cars, etc	586	13,196	481	10,259	668	11,735	790	12,565
Other causes	1,780	44,269	1,218	33,086	1,699	33,317	2,116	35,661
Total employes	3,383	68,618	2,456	51,804	3,358	56,344	4,353	62,689
Grand total	3,804	82,374	2,791	63,920	2,764	68,989	5,000	76,286

MAYORS OF LARGE CITIES (1910).

Albany, N. Y.—J. B. McEwan, Rep.
Baltimore, Md.—J. Barry Mahool, Dem.
Boston, Mass.—John F. Fitzgerald, Dem.
Buffalo, N. Y.—Louis P. Fuhrmann, Dem.
Camden, N. J.—Charles H. Ellis, Rep.
Charleston, S. C.—R. G. Rhett, Dem.
Chicago, Ill.—Fred A. Busse, Rep.
Cincinnati, O.—Dr. Louis Schwab, Rep.
Cleveland, O.—Herman C. Baehr, Rep.
Columbus, O.—G. S. Marshall, Rep.
Dayton, O.—Edward E. Burkhardt, Dem.
Denver, Col.—Robert W. Speer, Dem.
Detroit, Mich.—W. B. Thompson, Dem.
Duluth, Minn.—Marcus B. Cullum, Dem.
Fall River, Mass.—J. T. Coughlin, Dem.
Fort Wayne, Ind.—Jesse Grice, Rep.
Grand Rapids, Mich.—George E. Ellis, Rep.
Hartford, Conn.—Edward T. Smith, Dem.
Indianapolis, Ind.—Samuel L. Shank, Rep.
Jersey City, N. J.—H. O. Wittpen, Dem.
Kansas City, Mo.—Darius A. Brown, Rep.
Lincoln, Neb.—Don L. Love, Rep.
Los Angeles, Cal.—George Alexander, Rep.
Louisville, Ky.—W. O. Head, Dem.
Lowell, Mass.—John F. Meehan, Dem.
Memphis, Tenn.—James H. Malone, Dem.
Milwaukee, Wis.—Emil Seidel, Soc.
Minneapolis, Minn.—James C. Haynes, Dem.
Nashville, Tenn.—Hilary E. Howse, Dem.
Newark, N. J.—Jacob Haussling, Dem.
New Haven, Conn.—Frank J. Rice, Rep.
New Orleans, La.—Martin Behrman, Dem.
New York, N. Y.—William J. Gaynor, Dem.
Omaha, Neb.—James C. Dahlman, Dem.
Paterson, N. J.—A. F. McBride, Dem.
Peoria, Ill.—Thomas O'Connor, Dem.
Philadelphia, Pa.—John E. Reyburn, Rep.
Pittsburg, Pa.—William A. Magee, Rep.
Portland, Ore.—Joseph Simon, Rep.
Providence, R. I.—Henry Fletcher, Rep.
Reading, Pa.—William Rick, Rep.
Richmond, Va.—D. C. Richardson, Dem.
Rochester, N. Y.—H. H. Edgerton, Rep.
St. Louis, Mo.—F. H. Kreismann, Rep.
St. Paul, Minn.—Herbert P. Keller, Rep.
Salt Lake City, Utah—J. S. Bransford, Am.
San Antonio, Tex.—Bryan Callaghan, Dem.
San Francisco, Cal.—P. H. McCarthy, union labor.
Seattle, Wash.—Hiram C. Gill, Rep.
Springfield, Ill.—John S. Schnepp, Dem.
Springfield, Mass.—W. E. Sanderson, Rep.
Toledo, O.—Brand Whitlock, Ind.
Trenton, N. J.—Dr. Walter Madden, Dem.
Troy, N. Y.—Elias P. Mann, Rep.
Wilmington, Del.—J. Harvey Spruance, Dem.

ELECTRIC RAILROADS IN THE UNITED STATES.

[Compiled by the Electric Railroad Journal from "American Street Railway Investments," edition of 1910.]

States.	Co.'s. 1909.	Mileage 1908.	Mileage 1909.	Motor cars 1908.	Motor cars 1909.	Other cars 1908.	Other cars 1909.	Capital stock 1908.	Capital stock 1909.
New England states.									
Connecticut	13	1,035	1,037	1,930	2,163	170	314	$36,524,100	$22,322,300
Maine	18	495	495	530	550	225	210	10,904,713	11,167,113
Massachusetts	66	2,980	2,985	8,260	8,265	2,250	2,255	99,074,450	90,773,050
New Hampshire	20	295	297	450	385	45	45	6,570,200	7,108,132
Rhode Island	11	460	461	1,000	1,015	200	170	26,192,700	26,512,300
Vermont	10	125	114	130	130	20	20	3,970,000	4,330,500
Total	138	5,390	5,389	12,300	12,508	2,910	3,014	183,236,163	162,213,395
Eastern states.									
Delaware	4	75	75	155	155	16	16	4,350,000	4,350,000
District of Columbia	10	393	393	1,015	1,018	435	415	42,048,100	45,048,300
Maryland	12	560	560	1,990	1,890	185	180	26,808,050	25,712,050
New Jersey	51	1,285	1,320	2,825	2,745	365	225	105,549,980	96,177,230
New York	155	4,720	4,750	15,700	14,450	4,290	4,050	495,714,675	475,964,240
Pennsylvania	175	4,210	4,215	8,475	8,270	1,150	1,100	302,411,687	314,016,360
Virginia	23	476	470	670	670	210	210	32,766,600	28,136,650
West Virginia	22	350	315	435	480	35	40	14,217,900	15,122,700
Total	452	12,063	12,098	29,265	29,678	6,686	6,266	1,023,866,992	1,004,527,530
Central states.									
Illinois	79	3,015	3,034	5,100	5,350	2,260	2,290	172,956,500	189,501,960
Indiana	50	2,320	2,328	2,000	1,990	440	458	102,297,260	102,310,280
Iowa	29	760	765	860	870	130	135	36,588,200	36,248,300
Kentucky	12	380	460	625	800	300	305	23,620,900	26,542,400
Michigan	26	1,355	1,445	1,915	1,935	500	505	42,666,800	39,984,500
Minnesota	10	560	560	790	850	50	45	32,912,000	31,517,000
Missouri	27	1,088	1,090	2,320	2,260	390	360	87,975,700	88,889,500
Ohio	100	4,455	4,245	5,100	5,135	620	645	234,240,973	224,443,998
Wisconsin	25	790	790	835	890	115	116	38,477,000	31,797,000
Total	358	14,723	14,717	19,545	20,100	4,805	4,799	771,735,333	771,234,938
Southern states.									
Alabama	11	302	302	410	412	190	192	15,475,000	15,005,000
Arkansas	8	132	100	193	217	35	35	5,491,800	4,451,800
Florida	11	150	153	175	178	60	45	5,074,000	5,132,000
Georgia	18	395	430	570	573	105	142	24,378,294	26,790,094
Louisiana	8	250	254	640	635	60	62	53,395,900	55,768,300
Mississippi	10	96	100	155	160	20	18	3,421,370	3,323,370
North Carolina	14	150	150	185	222	40	51	6,842,000	6,622,500
South Carolina	7	140	140	160	160	30	25	4,369,280	4,369,280
Tennessee	11	360	360	680	685	65	70	19,346,000	25,949,900
Total	98	1,975	1,989	3,168	3,242	605	640	137,794,244	147,422,244
Western states.									
Arizona	5	37	42	30	33	7	5	860,000	760,000
California	55	2,530	2,537	2,579	2,629	1,330	1,620	162,435,400	168,458,100
Colorado	17	472	535	445	520	480	570	24,192,200	28,161,700
Idaho	5	145	150	65	70	50	50	2,460,400	2,784,000
Kansas	17	295	295	235	260	95	90	8,751,000	7,493,295
Montana	7	81	107	117	118	20	25	2,759,615	2,979,615
Nebraska	5	240	235	460	465	60	50	14,587,400	12,631,000
Nevada	2	11	11	10	10	2	2	1,100,000	1,042,900
New Mexico	2	11	11	10	10	1	1	350,000	300,000
North Dakota	3	18	18	45	45	5	5	360,000	314,980
Oklahoma	15	215	215	140	180	50	50	5,604,000	6,848,800
Oregon	12	390	391	360	440	295	349	22,310,000	26,300,000
South Dakota	3	30	30	8	8	2	4	100,000	600,000
Texas	33	550	615	735	740	130	132	26,770,000	28,673,200
Utah	4	166	200	255	260	75	80	7,512,500	6,737,500
Washington	18	900	900	875	950	1,025	1,030	45,031,810	48,378,100
Wyoming	1	5	5	5	10	1	4	75,000	75,000
Total	207	6,096	6,297	6,374	6,748	3,558	4,068	325,529,325	342,537,290
United States	1,253	40,247	40,490	70,652	72,366	18,564	18,787	2,441,892,057	2,427,935,397
Hawaii, Porto Rico, Philippine islands and West Indies	11	185	175	240	260	140	140	12,061,000	11,950,000
Canada and Newfoundland	55	1,250	1,252	2,800	2,860	255	420	62,585,662	60,118,610
Cuba	4	140	140	326	323	329	376	22,862,500	23,362,500

CHICAGO INTERURBAN TROLLEY LINES.

Following are the principal electric interurban lines with terminals in or near Chicago, with the names of the principal points reached by them:

Chicago & Milwaukee—Terminal in Evanston; makes connection with Northwestern elevated and surface lines to Chicago; runs north to Waukegan, Kenosha, Racine and Milwaukee; branch from Lake Bluff to Libertyville and Rockefeller. Electric lines run from Milwaukee to Burlington, to East Troy, to Waukesha, Pewaukee, Oconomowoc and Watertown and to Sheboygan and Elkhart lake.

Chicago & Joliet—Terminal at 48th street and Archer avenue; runs southwest to Lockport and Joliet; connects at Joliet with lines for Aurora and Chicago Heights.

Interurban Electric Lines Radiating from Chicago.

Aurora, Elgin & Chicago—Terminal at 256 5th avenue; runs in a westerly direction to Wheaton, where one branch runs northwest to Elgin and one southwest to Aurora; at Eola Junction on the latter branch a line runs to Batavia. Aurora and Elgin are connected by a line which runs as far south as Yorkville and as far north as Carpenterville. At Elgin connection is made with a line running to Belvidere and Rockford and from the latter place a line runs west to Freeport and another north to Beloit and Janesville. The Aurora, Elgin & Chicago road is operated on the third-rail system.

Chicago & Southern Traction—Terminal at 79th and Halsted streets; runs in a southeasterly direction to Chicago Heights and Kankakee.

Chicago, Lake Shore & South Bend—Terminal at Pullman; runs in an easterly direction to Michigan City and South Bend; connects at South Bend with interurban lines reaching various points in Michigan and Indiana.

THE PUBLIC DOMAIN.

Unappropriated and unreserved lands in the United States at the close of the fiscal year ended June 30, 1910.
[From the report of the commissioner of the general land office.]

State or territory.	Surveyed. Acres.	Unsurveyed. Acres.	Total. Acres.
Alabama	108,210	.....	108,210
Alaska	.....	*368,014,735	368,014,735
Arizona	12,361,814	29,129,555	41,491,369
Arkansas	512,705	.....	512,705
California	18,803,012	6,061,872	24,864,884
Colorado	19,432,009	2,294,183	21,726,132
Florida	391,361	61,648	453,009
Idaho	7,237,279	17,506,525	24,743,804
Kansas	137,180	.....	137,180
Louisiana	88,911	.....	88,911
Michigan	107,890	.....	107,890
Minnesota	1,516,302	47,000	1,563,302
Mississippi	47,058	.....	47,058
Missouri	2,510	.....	2,510
Montana	17,266,811	18,749,132	36,015,943
Nebraska	1,879,486	.....	1,879,486
Nevada	29,790,500	26,684,188	56,474,688
New Mexico	23,576,992	12,877,700	36,454,692
North Dakota	1,410,225	.....	1,410,225
Oklahoma	5,007	.....	5,007
Oregon	13,463,734	4,116,839	17,580,573
South Dakota	4,375,864	186,940	4,562,804
Utah	11,766,486	24,189,068	35,955,554
Washington	1,258,587	1,937,472	3,196,059
Wisconsin	14,460	.....	14,460
Wyoming	31,914,779	2,660,380	34,575,159
Grand total	197,469,172	514,517,237	711,986,409

*The unreserved lands in Alaska are mostly unsurveyed and unappropriated.

LUMBER INDUSTRY OF THE UNITED STATES.

LUMBER PRODUCTION BY STATES (1909).

State.	M feet.	Value.	State.	M feet.	Value.	State.	M feet.	Value.
Alabama	1,152,079	$15,585,094	Maryland	168,584	$2,528,684	Rhode Island	30,528	$504,763
Arizona	43,287	587,366	Massachusetts	384,526	6,157,663	South Carolina	500,888	7,786,838
Arkansas	1,656,991	25,067,864	Michigan	1,478,252	22,967,344	South Dakota	25,859	446,342
California	996,115	15,211,055	Minnesota	1,286,122	22,546,150	Tennessee	790.642	15,566,704
Colorado	117,036	1,563,443	Mississippi	1,861,016	27,919,256	Texas	1,524,008	18,368,432
Connecticut	137,855	2,352,186	Missouri	458,938	8,208,729	Utah	15,659	219,588
Delaware	41,184	566,789	Montana	311,533	4,170,879	Vermont	304,017	4,917,350
Florida	730,906	10,482,248	N. Hampshire	606,760	9,531,977	Virginia	1,198,725	17,626,882
Georgia	904,668	11,169,853	New Jersey	34,930	751,454	Washington	2,915,928	37,090,925
Idaho	518,625	7,512,062	New Mexico	79,439	1,597,296	West Virginia	1,097,015	19,348,855
Illinois	123,319	2,518,613	New York	781,391	15,701,934	Wisconsin	1,613,315	26,064,564
Indiana	411,868	10,381,039	North Carolina	1,136,796	15,598,026	Wyoming	18,822	243,701
Iowa	97,242	1,914,195	Ohio	459,259	10,676,293	All other	10,627	138,668
Kentucky	658,539	14,216,648	Oklahoma	158,756	1,999,119			
Louisiana	2,722,421	38,689,159	Oregon	1,468,158	18,010,585	Total	33,224,369	510,575,822
Maine	929,350	14,958,207	Pennsylvania	1,203,041	21,110,940			

LUMBER PRODUCTION BY SPECIES (1908).

Species.	M feet.	Value.	Species.	M feet.	Value.	Species.	M feet.	Value.
Ash	225,367	$5,748,008	Douglas fir	3,675,114	$43,973,111	Spruce	1,411,992	$22,940,329
Basswood	319,505	6,549,184	Elm	273,845	5,038,000	Western pine	1,275,550	19,174,794
Beech	410,072	5,536,474	Hemlock	2,530,843	34,544,876	White pine	3,344,921	60,767,318
Birch	386,367	6,343,363	Maple	874,983	14,265,284	Yellow pine	11,236,372	142,297,078
Cedar	272,764	4,919,244	Oak	2,771,511	58,841,604	All other	1,051,779	20,305,878
Chestnut	539,341	8,773,401	Poplar	654,122	16,552,147			
Cottonwood	232,475	4,129,140	Red gum	589,347	7,706,249	Total	33,224,369	510,575,822
Cypress	743,297	15,831,141	Redwood	404,802	6,339,199			

PRODUCTION OF SHINGLES (1908).

State.	Thousands.	Value.	State.	Thousands.	Value.	State.	Thousands.	Value.
Arkansas	156,111	$339,234	Louisiana	668,729	$1,684,401	Washington	7,288,361	$12,900,581
California	465,718	896,243	Maine	468,901	1,084,834	Wisconsin	322,096	673,428
Florida	156,291	402,888	Michigan	905,555	1,996,007	All other	1,125,297	3,084,322
Georgia	302,633	668,748	Oregon	246,721	447,804	Total	12,106,483	24,178,490

DEATH OF COUNT LEO TOLSTOY.

Count Leo Tolstoy, the famous Russian author and philosopher, died at Astapova, Russia, Nov. 20, 1910. The count, who was 82 years old, left his home at Yasnaya Poliana early in November accompanied only by Dr. Makovetsky, for the purpose of ending his days in solitude, to which he more and more inclined during his latter years. His pilgrimage led him to the religious establishment at Shamardine, in the province of Kaluga, where he remained as the guest of his sister Marie, who is a nun in the cloister.

Learning that his retreat had been discovered, he insisted upon proceeding on his journey to the Caucasus, where he hoped to spend his last days close to the Tolstoian colony on the shores of the Black sea. On the railroad journey the count was overcome with exhaustion and the cold, and Dr. Makovetsky was compelled to have him transferred to the flag station at Astapova, where he was made as comfortable as possible in the rude wooden building.

For five days he had remained suffering first from bronchitis and later from inflammation of the lungs. Specialists were called from Moscow and other places, but notwithstanding their utmost efforts the heart of the great Russian responded but feebly to the restoratives and stimulants administered. The attacks of heart failure increased alarmingly and many hours before the end the physicians had given up all hope.

Count Tolstoy was born at Yasnaya Poliana Aug. 28, 1828. He was educated in Kazan university, served in the Crimean war and then entered upon a literary and philanthropical career. Among his best known works are: The Cossacks, Sevastopol Sketches, War and Peace, Anna Karenina, My Confession, What I Believe, The Power of Darkness, Which Is Art, Resurrection, The Slavery of Our Times, and On Life. He renounced property in copyright, land and money in 1895-1896, and was excommunicated by the Russian synod in 1901. Since his religious crisis in 1878-1879 he insisted upon living the same kind of a life as the humblest of the peasants on his estate.

DISTRIBUTION OF WORLD'S SHIPPING.

Only vessels of more than 100 tons included.

[From Lloyd's register for 1906-1907.]

Flag.	Number.	Tonnage.	Flag.	Number.	Tonnage.	Flag.	Number.	Tonnage.
British—			Chinese	48	63,736	Peruvian	41	20,836
United kingdom	9,408	16,381,850	Cuban	59	56,641	Portuguese	195	100,839
Colonies	2,003	1,229,246	Danish	835	660,301	Roumanian	21	22,889
Total	11,411	17,611,096	Dutch	522	719,295	Russian	1,355	913,133
United States—Sea	2,988	2,672,042	French	1,508	1,741,195	Sarawak	5	3,715
Northern lakes*	479	1,519,050	German	2,027	3,810,353	Siamese	4	1,829
Philippines	123	50,497	Greek	424	426,769	Spanish	579	722,517
Total	3,590	4,241,589	Haitian	7	4,219	Swedish	1,558	856,698
Argentine	249	122,327	Honduran	8	18,014	Turkish	346	157,707
Austro-Hungarian	312	630,477	Italian	1,181	1,204,428	Uruguayan	66	50,660
Belgian	122	172,071	Japanese	782	1,000,093	Venezuelan	19	5,403
Brazilian	356	188,224	Mexican	59	27,064	Other countries	66	29,522
Chilean	126	126,194	Montenegrin	23	5,704			
			Norwegian	2,190	1,837,879	Total	30,094	37,554,017

The total gross tonnage of the steam vessels in the world as given in Lloyd's Register for 1906-1907 was 31,744,904, and of sailing vessels 5,809,113.

*Wooden vessels not included.

EVENTS OF THE YEAR 1910.

FIRE LOSSES AND CASUALTIES.

Alabaster, Mich., Oct. 18—Mills and warehouses burned; loss, $400,000.
Aomori, Japan, May 3—Eight thousand houses burned; sixteen lives lost; property loss, $10,000,000.
Bloomsburg, Pa., July 4—Six buildings burned; loss, $300,000.
Bluff Point, N. Y., May 25—Hotel Champlain burned; loss, $300,000.
Boston, Mass., Jan. 13—Boston Y. M. C. A. building burned; loss, $200,000.
Boston, Mass., Aug. 9—Fire in lumber district causes $1,000,000 loss.
Brussels, Belgium, Aug. 13—Part of exposition buildings burned; loss, $10,000,000.
Campbellton, N. B., July 11—Town burned; two lives lost; property loss, $2,500,000.
Chicago, Jan. 2—Building at 261 Wabash avenue burned; one life lost; property loss, $200,000.
Chicago, Jan. 14—Manufacturing plants at 348 West Ohio street burned; loss, $225,000.
Chicago, Feb. 22—Manufacturing plants at 317 Michigan street burned; loss, $135,000.
Chicago, March 8—Hebrew institute burned; loss, $100,000.
Chicago, March 10—Factory building at 2940 Carroll avenue burned; loss, $250,000; three men injured.
Chicago, March 22—Starck piano plant burned; loss, $400,000.
Chicago, March 25—Fish furniture store burned; twelve lives lost.
Chicago, March 26—Two persons burned to death and six injured in fire at 4254 South Ashland-av.
Chicago, April 4—Many girls injured by explosion and fire at 305 West Indiana street.
Chicago, June 16—Explosion and fire at 23d and Butler streets cause loss of $300,000.
Chicago, July 4—Four fires in northwestern and business districts cause loss of $300,000.
Chicago, July 7—Fire in freight shops at Fulton avenue and 108th street causes loss of $100,000.
Chicago, Sept. 30—Calumet Malting company's plant burned; loss, $300,000.
Cleveland, O., March 25—Warehouse burned; loss, $300,000.
Constantinople, Jan. 19—Palace of Charagan burned; loss, $20,000,000.
Cornwall, Ont., April 29—Ten persons burned to death in Rossmore house; property loss, $250,000.
East St. Louis, Ill., Oct. 20—Freight houses burned; loss, $500,000.
Fort Smith, Ark., April 1—Many persons injured in theater panic caused by fire.
Grand Rapids, Mich., Jan. 12—Furniture building burned; loss, $375,000.
Holdredge, Neb., March 29—Elevator and other buildings burned; loss, $300,000.
Jamaica, L. I., Aug. 4—Seven lives lost in burning of lodging house.
Jamestown, N. Y., March 14—Many buildings in business district burned; loss, $500,000.
Jersey City, N. J., Aug. 17—Warehouses burned; loss, $1,000,000.
Kansas City, Mo., May 4—Peet Bros. manufacturing plant burned; loss, $500,000.
Lake Charles, La., April 23—Several hundred buildings burned; loss, $1,000,000.
Lilesville, N. C., March 23—Town nearly destroyed by fire; loss, $250,000.
Los Angeles, Cal., Oct. 1—Plant of Times Publishing company destroyed by explosion and fire; many lives lost.
Milwaukee, Wis., Jan. 3—American Bridge company's plant burned; four firemen killed; property loss, $250,000.
Milwaukee, Wis., Feb. 22—Department store burned; loss, $100,000.
Minneapolis, Minn., Sept. 4—Leader department store burned; loss, $225,000.
Mount Hope, W. Va., March 24—Nearly every house in village burned; loss, $500,000.
New York, N. Y., Feb. 4—Supply department building of U. S. army destroyed; loss, $800,000.
New York, N. Y., Oct. 3—Many buildings in vicinity of 24th street and 11th avenue burned; loss, $1,500,000.
Niagara Falls, N. Y., May 27—Chemical plant burned; loss, $400,000.
Oekoerite, Hungary, March 28—Fire in hotel causes loss of 250 lives.
Omaha, Neb., April 3—Elevator and mill burned; loss, $1,000,000.
Paterson, N. J., June 28—Building in business section burned; loss, $500,000.
Philadelphia, Pa., Jan. 19—Five lives lost in factory fire.
Phœnix, Ariz., May 17—Hotel Adams burned; several lives reported lost; property loss, $275,000.
Portland, Ore., July 14—Exposition hall and several other buildings burned; one life lost; property loss, $300,000.
Pueblo, Col., Feb. 22—Pattern storehouse burned; loss, $1,000,000.
Seattle, Wash., June 10—Many wooden buildings on water front burned; loss, $500,000.
Superior, Wis., Oct. 25—Coal dock burned; loss, $500,000.
Victoria, B. C., Oct. 26—Many business blocks burned; loss, $1,000,000.
Virginia City, Nev., Aug. 10—Hoisting plant at mine burned; loss, $100,000.
Waukegan, Ill., July 26—Factory plants burned; loss, $350,000.
Wymore, Neb., June 30—Most of buildings in town burned; loss, $200,000.
Yokohama, Japan, March 18—Five hundred houses burned; seven lives lost.

[See also "Forest Fires."]

MARINE DISASTERS.

Amigo, Portuguese steamer, wrecked at Azores March 14—Forty drowned.
Annie, Swedish steamer, sunk in collision on the Elbe Feb. 2—Six men drowned.
Bedford, British cruiser, runs aground at Quelpart island, Yellow sea, Aug. 21—Eighteen lives lost.
Cairnrona, British steamer, damaged by explosion and fire when off Dungeness April 7—Twenty passengers seriously injured.
City of Saltillo, river steamer, sunk at Glen Park, Mo., May 11—Twelve lives lost.
Czarina, American steamer, wrecked at Coos bay, Oregon, Jan. 12—Twenty-four lives lost.
Dania, Swedish bark, sunk in collision in North sea, Oct. 13—Seven lives lost.
Duke of Edinburgh, British cruiser, runs ashore off Cowes, Aug. 13—No lives lost.
Frank H. Goodyear, lake steamer, sunk at Pointe Aux Barques, Lake Huron, May 23—Eighteen lives lost.
General Chanzy, French steamer, wrecked on reefs near island of Minorca, Feb. 10—One hundred and fifty-six persons drowned.
Heathfield, British steamer, sunk off Blakeny, Oct. 13—Sixteen lives lost.
J. S., steamer, burned on Mississippi at Victory, Wis., June 25—Four lives lost.
Kate Thomas, British ship, sunk in collision near Falmouth, England, April 4—Twenty lives lost.
Kentucky, American steamer, wrecked off Cape Hatteras, Feb. 4—No lives lost.
La Rochelle, French steamer, sunk in collision off Skerries, Ireland, June 20—Ten lives lost.
Liberte, Haitian gunboat, wrecked by explosion when off Port de la Paix, Oct. 25—Seventy persons killed or drowned.
Lima, British steamer, runs ashore in Straits of Magellan, Feb. 5—No lives lost.
Lisboa, Portuguese steamer, wrecked on west coast of Cape Colony, Oct. 24—Four lives lost.
Martos, Spanish steamer, founders off Tarifa, Aug. 16—Thirty-nine lives lost.
Minnehaha, British steamer, wrecked on rocks near Scilly islands, April 18—No lives lost.
New Hampshire, American battle ship, loses launch in Hudson river, Oct. 1—Twenty-nine lives lost.
North Dakota, American battle ship, has explosion aboard when off Old Port Comfort, Va., Sept. 8—Three men killed and nine injured.
Pere Marquette car ferry No. 18 wrecked in Lake Michigan, Sept. 9—Thirty-three lives lost.
Perry, United States revenue cutter, runs ashore on St. Paul island, July 26—No lives lost.

Pluviose, French submarine, wrecked off Calais, May 26—Twenty-eight men lost.
Portmarnock, British steamer, wrecked off Cape Frio, Oct. 17—Twelve lives lost.
Preussen, German sailing vessel, wrecked in Crab bay, Dover, Nov. 5—No lives lost.
Princess May, Canadian Steamer, sunk off Sentinel islet, Alaska, Aug. 5—No lives lost.
Prinz Willem II., Dutch liner, wrecked off the coast of France, toward end of January—Fifty-two lives lost.
Skerryvore, British steamer, sunk in a collision in English channel—Twenty-two lives lost.
Tetsurei-Maru, Japanese steamer, sunk off Chindo, Korea, July 23—About 200 lives lost.
Ville de Rochefort, French steamer, wrecked off coast of France, Oct. 14—Twenty-three lives lost.
Wally, British steamer, wrecked off Para, Brazil, Oct. 21—Fifty lives lost.
West Point, British steamer, burned at sea, Aug. 28—No lives lost.

RAILROAD WRECKS.

Canadian Pacific line, Jan. 21—Twenty persons killed by fall of train into Spanish river, Ontario.
Chicago & Northwestern line, Feb. 19—Fourteen persons injured in a wreck near Little Suamico, Wis.
Chicago Great Western road, March 21—Fifty persons killed in wreck near Green Mountain, Iowa.
Cincinnati, Hamilton & Dayton line, July 4—Nineteen persons killed in collision at Middletown, O.
Erie road, Sept. 21—One person killed and seventeen others injured near Conneaut, O.
Georgia Southern & Florida road, Feb. 14—Five trainmen killed and eight passengers hurt near Macon, Ga.
Grand Trunk road, Aug. 24—Six persons killed near Durand, Mich.
Great Northern road, March 1—Two trains wrecked by avalanche near Wellington, Wash.; a score or more of passengers killed and many hurt.
Illinois Central road, Sept. 21—Eighteen men injured in wreck near Central City, Ky.
New York Central road, Jan. 25—Engine of Twentieth Century limited overturned near St. Johnsville, N. Y.; one killed and one injured.
North German Lloyd express train wrecked near Mulheim-am-Rhein, Germany, March 30—Twenty-one killed and thirty-nine injured.
Northwestern Pacific road, Aug. 8—Eleven persons killed in a collision near Ignacio, Cal.
Rock Island road, Sept. 23—Sixteen persons killed and thirteen injured in wreck near Clayton, Kas.
Rock Island road, Oct. 3—Eleven persons injured in collision in Chicago.
Saujon, France, Aug. 14—Thirty-two persons killed and 100 injured in wreck of excursion train.
Southern railroad, Dec. 15, 1909—Eleven persons killed in wreck at Reedy Fork, N. C.
Villepreux, France, June 18—Nineteen persons killed and eighty injured in railroad collision.

ON ELECTRIC ROADS.

Fort Wayne & Wabash Valley Interurban line, Sept. 21—Forty-two persons killed in collision near Kingsland, Ind.
Indiana Union Traction line, Sept. 24—Six persons killed and twelve injured in collision near Tipton, Ind.
Illinois Traction system, Oct. 4—Thirty-six persons killed and thirty-one injured in collision near Staunton, Ill.

STORMS AND FLOODS.

Chicago, Aug. 23—The city visited by heavy storm of wind and rain; several persons injured and much property damaged.
Cuba, Oct. 16-17—Thousands made homeless by a severe hurricane in the eastern part of the island.
Florida, Feb. 12—Much damage done in central part of the state by a hurricane.
Florida, Oct. 18—Heavy storm sweeps across the whole state; much property destroyed by wind and floods.
Germany, June 12—Two hundred lives lost by flood in the Ahr valley; heavy rains throughout the continent of Europe.
Hungary, June 16—Floods cause the loss of hundreds of lives; cloudburst in Krasso-Szoreny district causes death of 260 persons.
Hungary, July 26—Cloudburst at Dees causes loss of twenty-five lives.
Italy, July 23—Hurricane in northern Italy causes loss of sixty lives and great damage to property.
Italy, Oct. 23-24—Terrific rainfall and hurricane rages in vicinity of Mount Vesuvius; several towns partly destroyed; nearly 200 lives lost and $10,000,000 worth of property destroyed.
Oklahoma, May 20—Towns of Maysville and McCarthy destroyed by tornado; several persons killed.
Japan, March 13—More than 1,000 fishermen perish in storm on Japanese coast.
Japan, Aug. 13-14—Tokyo visited by great flood; 1,112 lives lost; 3,953 houses washed away.
United States, April 22-23—Central and northwestern states visited by blizzard doing immense damage to crops and fruit trees.

MINE DISASTERS.

Birmingham, Ala., April 20—Forty-one men killed by explosion in Mulga coal mine.
Birmingham, Ala., May 5—One hundred and seventy-five men killed by an explosion in coal mine at Palos.
Drakesboro, Ky., Feb. 1—Thirty-five men killed by explosion in Browder coal mine.
Herrin, Ill., Dec. 23, 1909—Eight men killed in mine A of the Chicago and Carterville Coal company.
Indiana, Pa., Feb. 5—Eleven men killed by gas explosion in Ernest coal mine.
Las Esperanzas, Mexico, Feb. 2—Sixty-eight men killed by explosion in coal mine.
Primero, Col., Jan. 31—Seventy-eight men killed by explosion of dust in Colorado Fuel and Iron company's coal mine.
Starkville, Col., Oct. 8—Fifty-two men entombed by gas explosion in Colorado Fuel and Iron company's coal mine.
Stearns, Ky., Feb. 9—Six men killed by explosion of gas in coal mine.
Whitehaven, England, May 12—One hundred and thirty-seven miners killed by explosion in Wellington coal mine.
Wilburton, Okla., March 31—Six men killed by explosion in coal mine.
Wilkesbarre, Pa., March 12—Seven miners killed by explosion of gas in coal shaft.

MISCELLANEOUS CASUALTIES.

Bay City, Mich., Feb. 10—Six men killed by explosion of boiler in sawmill.
Canton, O., May 17—Thirteen men killed and thirty injured by explosion of boilers in manufacturing plant.
Cape May, N. J., Aug. 9—Five persons killed through train striking automobile.
Chicago, Jan. 11—One man killed and ten other persons injured by fall of sidewalk in State-st.
Chicago, Feb. 17—One girl killed and twenty other persons injured by explosion of flashlight powder at 725 East 39th street.
Fort Monroe, Va., July 21—Eleven men killed by gun explosion at fort.
Fort Monroe, Va., Sept. 8—Three men killed by oil explosion on board the battle ship North Dakota.
Guantanamo, Cuba, Feb. 10—Two men injured by explosion on battle ship Virginia.
Jersey City, N. J., Sept. 11—Ten men killed by fall of rock in tunnel.
Logansport, Ind., Aug. 12—Four persons killed and three injured when train strikes automobile.
Manila, P. I., March 27—Eight men killed by explosion on cruiser Charleston.
Monterey, Mexico, April 16—Eleven men killed by explosion of locomotive.
Montreal, Que., June 13—Twenty or more persons killed by water tank falling through building.
Ottawa, Ont., May 8—Ten persons killed by explosion of virite at Hull.
Pinar del Rio, Cuba, May 18—Many members of rural guard killed by bomb explosion.
Portsmouth, England, Aug. 6—Five men injured by explosion on submarine.

Roby, Ind., March 7—Twenty-one men injured by explosion in American Maize Products company's plant.

San Diego, Cal., Feb. 14—One man killed and six injured by explosion on torpedo boat destroyer Hopkins.

Wilkesbarre, Pa., May 12—Eight high-school students drowned in mill pond.

PROCEEDINGS AGAINST PACKING CORPORATIONS.

IN CHICAGO.

Jan. 25, 1910, Judge Kenesaw M. Landis of the United States District court in Chicago impaneled a grand jury to investigate the so-called "beef combine" among the meat packers. Witnesses were summoned and the inquiry continued until March 21, when an indictment was returned charging the National Packing company and ten of its subsidiary corporations with conspiracy in violation of the Sherman antitrust law. On the same date a bill in equity was filed by District Attorney Edwin W. Sims in the United States Circuit court, Chicago, against the National Packing company and subsidiary concerns and against its directors. It charged the packers with criminal conspiracy in fixing the prices of live stock and dressed meat and demanded the dissolution of the National Packing company and its allied concerns. It also asked that the individual defendants and their agents be prohibited from exercising any control over the corporations involved except such as might be necessary to wind up their affairs. The companies against which indictments were voted were:

National Packing company of New Jersey.
G. H. Hammond company of Michigan.
Fowler Packing company of Kansas.
United Dressed Beef company of New York.
St. Louis Dressed Beef and Provision company of Missouri.
Hammond Packing company of Illinois.
Omaha Packing company of Illinois.
Anglo-American Provision company of Illinois.
Western Packing company of Colorado.
Colorado Packing and Provision company of Colorado.
New York Butchers' Dressed Meat company of New York.

Individuals and corporations mentioned in bill for injunction:

J. Ogden Armour, president of Armour & Co.
Louis F. Swift, president of Swift & Co.
Edward Morris, president of Morris & Co.
Edward Tilden, president of the National Packing company.
Edward F. Swift, vice-president of Swift & Co.
Charles H. Swift, director National Packing company, Swift & Co., Libby, McNeill & Libby.
Arthur Meeker, general manager and director Armour & Co., director National Packing company.
Thomas E. Wilson, vice-president Morris & Co., director National Packing company.
L. H. Heyman, director National Packing company, also Morris & Co.
Thomas J. Connors, general superintendent Armour & Co., director National Packing company.
Frank A. Fowler, director National Packing company and Swift & Co.
L. A. Carton, treasurer Swift & Co., director National Packing company.
Armour & Co.
Swift & Co.
Morris & Co.
Continental Packing company.

Upon a demurrer by counsel for the National Packing company and subsidiary concerns Judge Kenesaw M. Landis decided, June 23, that the indictment was invalid because it did not charge that during the last three years the defendants had been engaged in interstate commerce. He therefore sustained the demurrer, but at the same time ordered a special grand jury for July 14 to make a new investigation. This was concluded Sept. 12, when the following ten packers were indicted as individuals: J. Ogden Armour, Louis F. Swift, Edward Morris, Edward Tilden, Arthur Meeker, Edward F. Swift, Charles H. Swift, Louis H. Heyman, Thomas J. Connors, Francis A. Fowler. Three indictments were returned against each defendant, reciting the following violations of the Sherman antitrust law:

1. Combination in restraint of trade by the ten defendants, who are alleged to have used the National Packing company as the medium of their operations, the Swift, Armour and Morris interests holding stock therein—70,000 and 60,000 and 20,000 shares, respectively.

2. Conspiracy in restraint of trade, practically the same facts being set out as in the first indictment, except that "conspiracy" instead of a "combination" is alleged.

3. Monopoly of the trade in fresh meats by these unlawful means: Elimination of competition in the purchase of cattle and the sale of fresh meats; conducting the business of the National Packing company in harmony in all respects with the business of the Swift, Armour and Morris concerns; removing the New York Butchers' Dressed Meat company from the field of competition by purchasing stock in that corporation until the control of it had been obtained.

INDICTMENTS IN NEW JERSEY.

Six corporations and twenty-one individuals engaged in the cold-storage business in Jersey City, Hoboken and Bayonne were indicted for conspiracy by the Hudson county (New Jersey) grand jury, Feb. 25, 1910, the indictments being returned in the state Supreme court in Jersey City. The corporations involved were: The National Packing company, Armour & Co., Swift & Co., Morris & Co., Hammond Packing company and G. H. Hammond & Co. The individuals indicted, nearly all directors or former directors of the National Packing company, were: A. W. Armour, Kansas City, Mo.; J. Ogden Armour, Chicago, Ill.; James E. Bathgate, Jr., New York, N. Y.; L. A. Carton, Chicago, Ill.; Thomas J. Connors, Chicago, Ill.; F. V. Cooper, Jersey City, N. J.; Henry P. Darlington, Chicago, Ill.; George H. Edwards, New York, N. Y.; F. A. Fowler, Chicago, Ill.; A. A. Fuller, New York, N. Y.; D. E. Hartwell, New York, N. Y.; L. H. Heyman, Chicago, Ill.; Arthur Meeker, Chicago, Ill.; Edward Morris, Chicago, Ill.; Ira Nelson Morris, Chicago, Ill.; L. B. Patterson, Chicago, Ill.; Charles H. Swift, Chicago, Ill.; Edward F. Swift, Chicago, Ill.; Louis F. Swift, Chicago, Ill.; Edward Tilden, Chicago, Ill., and Thomas E. Wilson, Chicago, Ill. The corporations were all Chicago concerns.

The indictment charged that the defendants met in Jersey City, March 1, 1908, and conspired to corner and limit the necessary and reasonable supply of meats and poultry for the consumption of the people of Hudson county so as to produce an artificial scarcity and to increase the market prices of the foodstuffs.

WRECK OF PERE MARQUETTE CAR FERRY.

The Pere Marquette car ferry steamer No. 18, bound from Ludington, Mich., to Milwaukee, Wis., sank in Lake Michigan between 6 and 8 o'clock Friday morning, Sept. 9, 1910, when about thirty miles off Sheboygan, Wis. Two passengers and thirty-one of the officers and crew were drowned; thirty-three persons were rescued by car ferry No. 17, which had been summoned to the scene by a wireless call for help. The exact cause of the disaster could not be ascertained. The weather at the time it occurred was good and only a moderate sea was running.

FIRE HORROR IN NEWARK, N. J

Twenty-five girls were burned to death or lost their lives by jumping from the windows of a factory building in Newark, N. J., Nov. 26, 1910. The structure was highly inflammable and escape by the stairways was cut off before many of the employes could reach them. There were two narrow fire escapes, the lower platforms of which were twenty-five feet from the sidewalk. More than fifty of the employes were taken to hospitals to be treated for their injuries.

DEATH ROLL OF THE YEAR 1910.

From Dec. 1, 1909, to Dec. 1, 1910.

UNITED STATES.

Adams, George C. (1850), clergyman, in Mill Valley, Cal., Sept. 3.
Agassiz, Alexander (1835), naturalist, at sea March 28.
Aiken, Frank E. (1837), actor and theater manager, in New York, N. Y., Oct. 18.
Albaugh, John W. (1867), actor, in Baltimore, Md., April 7.
Alexander, Edward P. (1835), confederate general, in Savannah, Ga., April 28.
Ames, James Barr (1846), dean of Harvard law school, in Cambridge, Mass., Jan. 8.
Anderson, Willie (1879), golf expert, in Philadelphia, Pa., Oct. 26.
Andrews, Jefferson M. (1851), secretary American Sunday School union, in Philadelphia, Pa., March 9.
Andrews, Wesley R. (1837), civil war veteran, in Washington, D. C., Feb. 5.
Andruss, E. Van Arsdale (1839), colonel U. S. A., retired, in New York, N. Y., April 4.
Ashton, Andrew (1832), merchant, in Rockford, Ill., Aug. 19.
Bailey, Rufus C. (1833), jurist, in Kenosha, Wis., Oct. 30.
Ballance, John G. (1853), brigadier-general U. S. A., retired, in Miami, Fla., Feb. 10.
Barker, George F. (1840), educator, in Philadelphia, Pa., May 25.
Barker, Helen M. (1835), temperance worker, in Hinsdale, Ill., May 7.
Bates, Homer O. (1846), physician, in Sierra Madre, Cal., March 10.
Beveridge, John L. (1824), former governor of Illinois, in Hollywood, Cal., May 3.
Biddle, James (1832), brigadier-general U. S. A., retired, in Berkeley Springs, Va., June 9.
Bird, Arthur C. (1864), dairy and food commissioner, in Lansing, Mich., May 27.
Blackwell, Emily (1826), physician, in York Cliffs, Me., Sept. 8.
Blodgett, Rufus (1834), former United States senator, in Long Branch, N. J., Oct. 3.
Booth, Agnes (1846), actress, in Boston, Mass., Jan. 2.
Borgquist, P. F. (1827), veteran of Mexican and civil wars, in Orange, N. J., June 15.
Bowers, Lloyd W. (1859), solicitor-general of the United States, in Boston, Mass., Sept. 9.
Bowman, Eliza W. (1828), charity worker, in Leon, Iowa, Jan. 15.
Boyd, A. C. (1866), educator, in Chicago, Sept. 11.
Bradley, L. L. P. (1822), soldier in civil war, in Tacoma, Wash., March 13.
Bragdon, George C., poet and journalist, in Rochester, N. Y., Aug. 7.
Brewer, David Josiah (1837), associate justice of the United States Supreme court, in Washington, D. C., March 28.
Brewer, William H. (1835), scientist, in New Haven, Conn., Nov. 2.
Broward, Napoleon B. (1857), former governor, in Jacksonville, Fla., Oct. 1.
Brown, George P. (1838), educator, in Bloomington, Ill., Feb. 1.
Brownlow, Walter P., congressman, in Johnson City, Tenn., July 8.
Browning, John T. (1828), attorney, in Moline, Ill., Aug. 23.
Brumder, George (1839), publisher, in Milwaukee, Wis., May 9.
Bullitt, Thomas W. (1838), lawyer, in Baltimore, Md., March 3.
Bundy, Martin L. (1817), judge, in Newcastle, Ind., Feb. 17.
Burgess, Neil (1851), actor, in New York, N. Y., Feb. 19.
Burwell, William T. (1846), rear-admiral U. S. N., retired, in Llandudno, Wales, Jan. 4.
Byrnes, Thomas F. (1844), former detective and police superintendent, in New York, N. Y., May 7.
Call, Wilkinson (1834), former United States senator from Florida, in Washington, D. C., Aug. 24.
Candler, Claudius H. (1847), lithographer, in Detroit, Mich., Feb. 25.
Carlisle, John G. (1834), former secretary of the treasury, in New York, N. Y., July 31.
Chipman, Henry L. (1822), brigadier-general U. S. V., retired, in Detroit, Mich., Oct. 25.
Clarke, Creston (1866), actor, in Asheville, N. C., March 21.
Clay, Alexander S. (1853), United States senator, in Atlanta Ga., Nov. 13.
Clemens, Samuel L. (1835), author, in Redding, Conn., April 21.
Comfort, George F. (1834), art critic and educator, in Montclair, N. J., May 5.
Converse, John H. (1840), president of Baldwin locomotive works, in Philadelphia, Pa., May 3.
Cook, John P. (1825), general in civil war, in Ransom, Mich., Oct. 12.
Crane, James A. (1848), manufacturer, in Westfield Mass., July 21.
Cross, William M., secretary of state, in Oklahoma City, Okla., Aug. 3.
Curtis, Newton M. (1835), general in civil war, in New York, N. Y., Jan. 8.
Daniel, John W. (1842), United States senator, in Lynchburg, Va., June 29.
Darling, Mrs. Flora Adams (1840), in New York, N. Y., Jan 6.
Davis, Mrs. Rebecca Harding (1831), author, at Mount Kisco, N. Y., Sept. 29.
De Rudio, Charles C. (1832), major U. S. A., retired, in Los Angeles, Cal., Nov. 1.
Dexter, Henry (1802), philanthropist, in New York, N. Y., July 11.
Dickey, Charles A. (1838), clergyman, in Philadelphia, Pa., June 10.
Dickson, Francis W. (1844), rear-admiral U. S. N., in New York, N. Y., Sept. 15.
Dinehart, Clarence E., state treasurer, in St. Paul, Minn., June 8.
Dobson, Charles E. (1839), minstrel, in New York, N. Y., Jan. 13.
Dolbear, Amos E. (1836), educator and inventor, in Medford, Mass., Feb. 23.
Dolliver, Jonathan P. (1858), United States senator, in Fort Dodge, Iowa, Oct. 15.
Donnelly, Henry V. (1862), actor and manager, in New York, N. Y., Feb. 16.
Draper, Charles B. (1859), hotel man, in Oconomowoc, Wis., April 24.
Draper, William F. (1842), soldier and diplomat, in Washington, D. C., Jan. 28.
Dudley, W. W. (1842), ex-commissioner of pensions, in Washington, D. C., Dec. 15, 1909.
Dunham, Daniel (1820), pioneer, at Wayne, Ill., Nov. 26.
Dunne, Edward J. (62), Green Bay, Wis., arrived 1849; died Aug. 5.
Dyer, N. M. (1839), rear-admiral U. S. N., retired, in Melrose, Mass., Jan. 27.
Eby, Isaac (1834), bishop, in Lancaster, Pa., June 18.
Eckert, Thomas T. (1825), former president of the Western Union Telegraph company, in Long Branch, N. J., Oct. 20.
Edmunds, J. Raynor, astronomer, in Baltimore, Md., March 26.
Elliott, Charles S. (1846), musician and writer, in Cooperstown, N. Y., Sept. 30.
Ellwood, Isaac L. (1833), manufacturer, in DeKalb, Ill., Sept. 11.
Ellwood, Mrs. Isaac L. (1836), philanthropist, in DeKalb, Ill., July 16.
Entwistle, John (1836), rear-admiral U. S. N., retired, in Paterson, N. J., March 23.
Evans, Dudley (1838), express official, in New York, N. Y., March 27.
Everett, William (1839), ex-congressman, in Quincy, Mass., Feb. 16.
Fassett, Samuel M. (1824), photographer, in Washington, D. C., Aug. 2.
Faust, Lotta, actress, in New York, N. Y., Jan. 25.
Fechet, E. G. (1844), lieutenant-colonel U. S. A., in Champaign, Ill., Nov. 16.
Fenderson, Mrs. Ella C. (1859), singer, in Edgartown, Mass., Aug. 22.
Ford, Stephen V. R. (1836), author, in New York, N. Y., June 5.
Forsslund, Louise (1873), author, in Brentwood, L. I., May 2.

Foss, Cyrus D. (1834), methodist bishop, in Philadelphia, Pa., Jan. 29.
Foster, Mrs. J. Ellen (1840), temperance lecturer, in Washington D. C., Aug. 11.
Foulkrod, W. W., congressman, in Philadelphia, Pa., Nov. 13.
Fuller, Melville Weston (1833), chief justice of the United States Supreme court, at Sorrento, Me., July 4.
Galt, Roger H. (1850), commodore, U. S. N., retired, in Norfolk, Va., Aug. 26.
Gans, Joe (1874), pugilist, in Baltimore, Md., Aug. 10.
Garriott, Edward B. (1853), meteorologist, in Washington, D. C., May 13.
Gebhard, Frederick (1856), clubman, in Garden City, L. I., Sept. 8.
Gibson, Peter (1860), art connoisseur, in Vienna, Austria, July 25.
Gilmore. Samuel L. (1859), congressman, in Abita Springs, La., July 18.
Gobin, J. P. S. (1837), major-general Pennsylvania militia, in Lebanon, Pa., May 1.
Glover, Amelia (1862), dancer, in New York, N. Y., Feb. 9.
Goodsell, Daniel A. (1840), bishop in methodist church, in New York, N. Y., Dec. 5, 1909.
Goodyear, Ellsworth D. S. (1826), brigadier-general, in North Haven, Conn., Sept. 4.
Grant, Hugh J., former mayor, in New York, N. Y., Nov. 3.
Green, Mary E. (1844), physician, in Seattle, Wash., Feb. 9.
Griggs, James M. (1861), congressman, in Dawson, Ga., Jan. 5.
Gund, John (1830), brewer, in LaCrosse, Wis., May 7.
Hale, Susan (1836), author and artist, in Matunuck, R. I., Sept. 17.
Halford, A. J. (1851), newspaper man, in Washington, D. C., May 17.
Hamlin, Howland J. (1850), former attorney-general of Illinois, in Shelbyville, Ill., Dec. 12, 1909.
Harper, Joseph A. (1833), publisher, in Ingleside, N. Y., Oct. 2.
Harris, Joseph S. (1836), railroad official, in Germantown, Pa., June 2.
Harris, William A. (1841), former United States senator from Kansas, in Chicago, Dec. 20, 1909.
Haverley, Mrs. Eliza, in New York, N. Y., July 4.
Haynes, John H. (1849), archæologist, in North Adams, Mass., June 28.
Healy, Patrick (1839), priest and educator, in Washington, D. C., Jan. 10.
Heap, David Porter (1843), brigadier-general U. S. A., retired, in Pasadena, Cal., Oct. 25.
Heller, Adolph (1847), business man, in Seattle, Wash., July 5.
Henry, O. (See Porter, William S.)
Hichborn, Philip (1839), rear-admiral U. S. N., in Washington, D. C., May 1.
Hill, Charles Barton (1863), scientist, in San Francisco, Cal., Aug. 26.
Hill, David B. (1843), former governor and United States senator, in Albany, N. Y., Oct. 20.
Hodenpyl, Eugene, bacteriologist, in New York, N. Y., May 5.
Homer, Winslow (1836), artist, in Scarborough, Me., Sept. 29.
Howe, Julia Ward (1819), author and philanthropist, in Middletown, R. I., Oct. 17.
Hoyt, Henry M. (1856), counselor, in Washington, D. C., Nov. 29.
Hoyt, Wayland (1838), clergyman, in Philadelphia, Pa., Sept. 28.
Hurley, James E. (1840), railroad official, in Carlsbad, Austria, Aug. 16.
Huyler, John S., philanthropist, in Rye, N. Y., Oct. 1.
Hyatt, Dr. R. J.., weather observer, in Salt Lake City, Utah, Aug. 23.
Igleheart, William (1863), journalist, in Salt Lake City, Utah, Jan. 31.
Irwin, Joseph I., Columbus, Ind., capitalist, in Windermere, Ont., Aug. 13.
Ives, Franklin T. (1828), author, in Meriden, Conn., Jan. 30.
James, William (1842), psychologist, at Chocorua, N. H., Aug. 26.
Jeffery, Thomas B. (1845), manufacturer, in Pompeii, Italy, April 2.
Jessup, Henry H., missionary, in Beirut, Syria, April 28.
Johnson, John W. (1819), antislavery worker, in Fountain City, Ind., May 17.
Jones, A. M. (1837), political leader, in Milwaukee, Wis., July 8.
Jones, David W., publisher, in Albion, Ind., June 22.
Kasson, John A. (1822), diplomat, in Washington, D. C., May 18.
Kelly, Myra (see MacNaughton).
Kendall, Ezra (1861), comedian, in Martinsville, Ind., Jan. 23.
Kerr, Walter Craig (1858), engineer, in Rochester, Minn., May 8.
Keyes, Elisha W., political leader, in Madison, Wis., Nov. 29.
Kiersted, Andrew J. (1833), rear-admiral U. S. N., in Philadelphia, Pa., May 11.
Kimball, Mather D. (1850), newspaper man, in Milwaukee, Wis., May 1.
Klopsch, Louis (1852), editor, in New York, N. Y., March 7.
Kruger, Jacques (1840), actor, in Detroit, Mich., Nov. 7.
Lackland, Rufus J. (1819), banker, in St. Louis, Mo., Feb. 28.
La Farge, John (1835), artist, in Providence, R. I., Nov. 14.
Langdon, Harry A. (1827), actor, in Philadelphia, Pa., April 11.
Loftus, Thomas J. (1856), baseball manager, in Dubuque, Iowa, April 16.
Looker, Thomas H. (1820), rear-admiral U. S. N., retired, in Washington, D. C., July 25.
Lovering, William C. (1835), congressman, in Washington, D. C., Feb. 4.
Lowry, Robert (1832), ex-governor, in Jackson, Miss., Jan. 19.
Luke, Charles S. (1872), member of legislature, in Nashville, Ill., Feb. 21.
MacNaughton, Mrs. Alan (Myra Kelly), author, in Torquay, England, March 31.
Marshall, James W. (1822), ex-postmaster-general, in Washington, D. C., Feb. 5.
Marx, Frederick (1830), inventor, in Marcy, N. Y., Jan. 28.
Mead, Larkin G. (1835), sculptor, in Florence, Italy, Oct. 15.
Meade, Robert L. (1841), brigadier-general U. S. M. C., retired, in Lexington, Mass., Feb. 11.
Merrell, Edward H., clergyman and educator, in Ripon, Wis., Feb. 24.
Merubia, Mrs. Beulah McKee, missionary, in La Paz, Bolivia, Feb. 15.
Mickey, John H. (1845), former governor of Nebraska, in Osceola, Kas., June 2.
Mills, Darius O. (1825), capitalist, at Millbrae, Cal., July 3.
Montague, Louise (1859), actress, in New York, N. Y., March 16.
Moody, William V. (1869), poet and playwright, in Colorado Springs, Col., Oct. 17.
Moss, Frederick (1825), merchant, in Los Angeles, Cal., Jan. 19.
Mulholland, Gen. St. Clair (1839), pension agent, in Philadelphia, Pa., Feb. 17.
Munger, Dr. T. T. (1830), clergyman and author, in New Haven, Conn., Jan. 11.
Munro, David A. (1851), editor, in New York, N. Y., March 9.
McCalla, Bowman H. (1844), rear-admiral U. S. N., in Santa Barbara, Cal., May 6.
McEnery, Samuel D. (1837), United States senator, in New Orleans, La., June 28.
McLaurin, Anselm J. (1848), United States senator, in Brandon, Miss., Dec. 23, 1909.
McVickar, William N. (1843), bishop, at Beverley Cove, Mass., June 28.
Navarro, Mrs. Jose De (1833), in New York, N. Y., March 21.
Norton, Mrs. Sarah Frances, suffragist, in Troy, N. Y., Jan. 7.
Oakes, James (1826), brigadier-general U. S. A., retired, in Washington, D. C., Nov. 27.
Oliver, James B., song writer, in Philadelphia, Pa., Feb. 28.

Orchardson, Sir William O. (1835), artist, in London, England, April 13.
Overstreet, Jesse (1859), former congressman, in Indianapolis, Ind., May 27.
Overton, John S. (1841), actor, in St. Louis, Mo., July 24.
Paine, Robert Treat (1835), president American Peace society, in Waltham, Mass., Aug. 11.
Pavey, Charles W. (1835), veteran of civil war, in Mount Vernon, Ill., May 11.
Peabody, Francis (1831), insurance official, in Danvers, Mass., April 29.
Perkins, James B. (1847), congressman, in Washington, D. C., March 10.
Platt, Thomas C. (1833), former United States senator, in New York, N. Y., March 6.
Pond, Ashley (1827), lawyer, in Detroit, Mich., Jan. 12.
Porter, Charles T. (1825), inventor, in Montclair, N. J., Aug. 30.
Porter, William Sidney (1868), author, in New York, N. Y., June 5.
Raines, John (1840), republican leader, in Canandaigua, N. Y., Dec. 16, 1909.
Ranken, David (1836), capitalist, in Atlantic City, N. J., Aug. 18.
Rankin, David (1825), farmer and philanthropist, in Tarkio, Mo., Oct. 18.
Rankin, Walter L. (1841), educator, in Waukesha, Wis., July 21.
Remington, Frederic (1861), artist, in Edgefield, Conn., Dec. 26, 1909.
Rhodes, Rufus N. (1856), editor, in Birmingham, Ala., Jan. 12.
Ricketts, Howard T., educator and scientist, in City of Mexico, May 3.
Ridgely, Charles (1836), banker, in Springfield, Ill., Aug. 11.
Robinson, Franklin C. (1852), educator, in Portland, Me., May 25.
Roelker, Charles R. (1841), rear-admiral U. S. N., in Washington, D. C., Sept. 29.
Rogers, John I. (1846), Philadelphia lawyer, in Denver, Col., March 13.
Rolfe, William J. (1827), Shakespearean scholar, in Tisbury, Mass., July 7.
Rucker, Daniel H. (1812), brigadier-general U. S. A., retired, in Washington, D. C., Jan. 6.
Rugg, Henry W. (1833), Masonic grand master, in Providence, R. I., July 21.
Sankey, Mrs. Ira D. (1839), in Brooklyn, N. Y., Sept. 25.
Schaefer, Jacob (1850), billiard player, in Denver, Col., March 8.
Scofield, Walter K. (1839), rear-admiral U. S. N., retired, in Stamford, Conn., Aug. 5.
Scott, Harvey W. (1838), editor of the Portland Oregonian, in Baltimore, Md., Aug. 7.
Scribner, Gilbert H. (1831), banker and lawyer, in New York, N. Y., Jan. 6.
Sheedy, Patrick F. (1850), noted gambler, in New York, N. Y., Dec. 12, 1909.
Silk, Albert E. (1860), business man, in Detroit, Mich., July 12.
Silliman, Horace B. (1826), philanthropist, in Cohoes, N. Y., May 4.
Simmons, Joseph E. (1841), New York banker, at Mohonk Lake, N. Y., Aug. 5.
Simmons, Zalmon G. (1828), financier and philanthropist, in Kenosha, Wis., Feb. 11.
Smith, C. H., manufacturer, in Aurora, Ill., Sept. 25.
Smith, Charles S. (1853), educator, in Montclair, N. J., March 30.
Spaeth, Adolph (1839), clergyman, in Philadelphia, Pa., June 26.
Spellmeyer, Henry (1847), bishop, in Atlantic City, N. J., March 13.
Spreckels, Mrs. Anna C. (1831), in San Francisco, Cal., Feb. 15.
Stanley, W. E. (1848), former governor, in Wichita, Kas., Oct. 13.
Stevens, Moses C. (1826), mathematician, in Tallapoosa, Ga., March 21.
Stober, J. A., state treasurer-elect, in Lancaster, Pa., Jan. 10.
Streight, Mrs. Lovina, nurse in civil war, in Indianapolis, Ind., June 5.
Studley, John B. (1828), actor, in New York, N. Y., Aug. 8.
Sully, Daniel (1855), actor, in New York, N. Y., June 25.
Sumner, William G. (1840), educator, in Englewood, N. J., April 12.
Taylor, Horace A. (1837), former assistant secretary of the treasury, in Washington, D. C., Aug. 5.
Taylor, J. Monroe (1838), author, in Rutherford, N. J., Sept. 1.
Test, Charles E., manufacturer, in Waukesha, Wis., June 22.
Thomas, Cyrus (1825), ethnologist, in Washington, D. C., June 26.
Thompson, Albert C. (1842), United States district judge, in Cincinnati, O., Jan. 26.
Ternon, Luke, brigadier-general U. S. A., retired, in Buffalo, N. Y., March 30.
Tight, William G. (1865), geologist and educator, in Glendale, Cal., Jan. 15.
Tirrell, Charles Q. (1844), congressman, in Natick, Mass., July 31.
Towle, Marcus M. (1841), packer and railroad builder, in Logansport, Ind., Sept. 7.
Trask, Spencer (1844), banker, killed in railroad wreck at Croton, N. Y., Dec. 31, 1909.
Treat, Charles H. (1842), former United States treasurer, in New York, N. Y., May 31.
Turley, Thomas B. (1845), former United States senator, in Memphis, Tenn., July 1.
Twain, Mark (see Clemens).
Twombly, Hamilton McK., capitalist, in New York, N. Y., Jan. 11.
Ulke, Henry (1821), artist, in Washington, D. C., Feb. 18.
Updegraff, Thomas (1834), former congressman, in McGregor, Iowa, Oct. 4.
Van Cleave, James W. (1849), manufacturer, in St. Louis, Mo., May 15.
Vorse, Albert (1876), writer, in New York, N. Y., June 15.
Wachtmeister, Countess Constance (1837), theosophist, in Los Angeles, Cal., Sept. 24.
Walker, Edwin (1833), builder, in Hastings, Ill., April 27.
Walsh, Thomas F. (1851), Colorado mine owner, in Washington, D. C., April 8.
Ward, John Q. A. (1830), sculptor, in New York, N. Y., May 1.
Warner, A. J. (1834), civil-war veteran, in Marietta, O., Aug. 13.
Waterman, Mrs. S. K., suffragist, in Cleveland, O., Feb. 15.
Watkins, James (1854), national guard officer, in Delavan, Ill., May 31.
Webster, Sidney (1827), lawyer, in New York, N. Y., May 30.
Weir, Levi C. (1842), president Adams Express company, in New York, N. Y., March 28.
Wetmore, Moses C. (1845), manufacturer, in St. Louis, Mo., Nov. 26.
White, Charles A. (1826), scientist, in Washington, D. C., June 29.
Whitney, Myron W. (1836), singer, in Sandwich, Mass., Sept. 19.
Whitson, Edward N., federal judge, in Spokane, Wash., Oct. 15.
Whittemore, John Y. (1837), capitalist, in Naugatuck, Conn., May 28.
Williams, George H. (1823), former United States attorney-general, in Portland, Ore., April 4.
Williams, William (1844), minstrel, in Elizabeth, N. J., July 25.
Winans, Samuel Ross (1855), educator, in Princeton, N. J., July 26.
Withington, Charles B. (1830), inventor, in Janesville, Wis., Dec. 12, 1909.
Witmark, Marcus (1834), music publisher, in New York, N. Y., March 29.
Wood, David B. (1838), organist, in Philadelphia, Pa., March 27.
Woods, Mrs. Kate T. (1840), writer, in Buffalo, N. Y., July 12.
Woodward, James T. (1840), banker, in New York, N. Y., April 10.
Wood, Walpole (1860), lawyer, in Altadena, Cal., Jan. 9.
Wright, Edward S., newspaper man, in Cleveland, O., Aug. 16.
Wright, Robert W. (1862), judge, in Chicago, Nov. 29.
Ziegenhein, Henry (1845), former mayor, in St. Louis, Mo., March 17.

FOREIGN.

Acton, John Adams, sculptor, in London, Oct. 31.
Agnew, Sir William (1825), one of publishers of Punch, in London, Oct. 31.
Aitchison, George, architect, in London, May 16.
Albano, Elias F., acting president of Chile, in Santiago, Sept. 6.
Alexander, Boyd (1873), traveler, killed in French Kongo in May.
Alexis, Nord, former president of Haiti, in Kingston, Jamaica, May 1.
Barboux, Henry (1834), lawyer, in Paris, France, April 25.
Bjornson, Bjornstjerne (1832), poet and novelist, in Paris, France, April 26.
Blackwell, Elizabeth (1832), physician, in Hastings, England, June 1.
Bonaparte, Princess Jeanne (Mme. De Villeneuve), in Paris, France, July 24.
Browne, Tom (1872), cartoonist, in London, March 16.
Butler, Sir William F. (1838), soldier, in London, June 7.
Charlton, John (1829), reciprocity advocate, at Simcoe, Canada, Feb. 12.
Chulalongkorn I., king of Siam, in Bangkok, Siam, Oct. 23.
Cisneros, Salvator (1834), statesman, at Nuevitas, Cuba, Oct. 21.
Collins, Lottie, music-hall singer, in London, England, May 1.
Colonne, Edouard (1838), musician, in Paris, France, March 28.
Crespigny, Claude C. De (1873), polo player, in London, May 18.
D'Alencon, Duke (1844), in London, June 29.
Drummond, Sir George (1829), banker, in Montreal, Quebec, Feb. 2.
Ducoudray, Louis A. B. (1840), composer, in Paris, France, July 4.
Dunant, Henri, founder of Red Cross society, in Heiden, Switzerland, Oct. 31.
Edhem Pasha, Turkish soldier, in Cairo, Egypt, Dec. 17, 1909.
Egmont, Earl of (1856), in London, Aug. 11.
Feodora, Princess, of Schleswig-Holstein (1874), in Karlsruhe, Germany, June 21.
Fremiet, Emmanuel (1824), sculptor, in Paris, France, Sept. 10.
Furnivall, Frederick J. (1825), scholar, in London, July 2.
Galle, Johann G. (1812), astronomer, in Potsdam, Germany, July 10.
Giffen, Sir Robert (1837), journalist, in London, England, April 12.
Gude, Ove, Norwegian minister to the United States, at White Sulphur Springs, W. Va., July 1.
Haden, Sir Francis S. (1818), artist, in Bradford, England, June 1.
Harrington, Timothy (1851), member of parliament from Dublin, in London, March 13.
Hoogaard, Commodore, arctic explorer, in Copenhagen, Denmark, March 16.
Huggins, Sir William (1824), astronomer, in London, England, May 12.
Hunt, William Holman (1827), artist, in London, Sept. 7.
Illing, Meta, actress, in Frankfort-on-Main, Germany, Dec. 26, 1909.
Iwakura, Prince Tomosada (1851), former privy councilor, in Tokyo, Japan, March 31.
Koch, Robert (1843), bacteriologist, in Baden-Baden, Germany, May 27.
Lamporti, Giovanni (1830), singing teacher, in Berlin, Germany, March 18.
Leopold II. (1835), king of Belgium, in Brussels, Dec. 17, 1909.
Leyden, Ernest von (1832), scientist, in Berlin, Germany, Oct. 5.
Lueger, Karl (1844), burgomaster, in Vienna, Austria, March 10.
Mantegazza, Paul (1831), anthropologist, in Spezia, Italy, Aug. 28.
Mariscal, Ignacio, statesman, in City of Mexico, April 16.
Marshall, Robert (1863), dramatist, in London, England, July 1.
Matzen, Henning (1840), member of permanent arbitration court at The Hague, in Copenhagen, Denmark, July 18.
Mond, Ludwig (1839), chemist, in London, England, Dec. 11, 1909.
Montt, Pedro, president of Chile, in Bremen, Germany, Aug. 16.
Moreas, Jean (1856), poet, in Paris, March 30.
McCaughan, William J. (1859), clergyman, in Belfast, Ireland, July 30.
McCaughan, Mrs. W. J., in Belfast, Ireland, Aug.11.
McLaren, Alexander (1826), clergyman, in Edinburgh, Scotland, May 5.
Nelidoff, Count Alexander I. (1840), diplomat, in Munich, Germany, Aug. 8.
Newnes, Sir George (1851), publisher, in London, June 9.
Nicholaevitch, Michael (1832), Russian grand duke, in Cannes, France, Dec. 18, 1909.
Nightingale, Florence (1820), nurse in Crimean war, in London, Aug. 14.
Obaldia, Jose Domingo de (1847), president of Panama, in Panama, March 1.
Obrist, Aloys, musical conductor, in Stuttgart, Germany, June 29.
Renard, Jules, author, in Paris, France, May 21.
Rod, Edouard (1857), author, in Grasse, France, Jan. 29.
Ruspoli, Prince Enrico (1877), at Nemi, Italy, Dec. 5, 1909.
Sambourne, Linley (1845), cartoonist, in London, Aug. 3.
Satolli, Francis (1839), cardinal, in Rome, Jan. 8.
Schiaparelli, Giovanni V. (1835), astronomer, in Milan, Italy, July 5.
Seligman, William (1822), banker, in Paris, France, Jan. 6.
Smith, Goldwin (1823), author and educator, in Toronto, Ont., June 7.
Sone, Viscount Arasuke (1849), statesman, in Tokyo, Japan, Sept. 13.
Spence, Catherine H. (1825), lecturer, in Adelaide, Australia, April 3.
Spencer, Earl of (1835), in London, Aug. 13.
Stamford, Earl of (1850), liberal-unionist leader, in London, May 24.
Stolberg-Wernigerode, Count Udo von (1840), president of German reichstag, in Berlin, Feb. 19.
Sutter, Emma, opera singer, in Stuttgart, Germany, June 29.
Talleyrand-Perigord, Duke of (1832), in Paris, France, Feb. 21.
Tattenbach, Count von (1846), German diplomat, in Madrid, Spain, Feb. 9.
Teck, Prince Francis of (1870), in London, Oct. 22.
Tichborne, Sir Henry, in London, July 27.
Tolstoy, Count Leo (1828), at Astapova, Russia, Nov. 20.
Vandal, Louis James Albert (1853), member of French academy, in Paris, Aug. 30.
Veragua, Duke of (1837), descendant of Christopher Columbus, in Madrid, Spain, Oct. 30.
Vogue, Viscount Melchior de (1848), author, in Paris, France, March 24.
Waldemar, Princess, in Copenhagen, Denmark, Dec. 4, 1909.
Walter, Arthur F. (1846), publisher, in Bearwood, Wokingham, England, Feb. 22.

CHICAGO.

Adams, Mrs. Millward (1861), April 5.
Allen, Chas. W. (1836), real-estate dealer, March 23.
Amberg, Franz (1837), business man, June 12.
Anderson, John (74), publisher, Feb. 24.
Armstrong, John G. (1865), clergyman, Jan. 21.
Armstrong, Simeon P. (1857), lawyer, in Los Angeles, Cal., Feb. 12.
Armstrong, William (1829), manufacturer, June 28.
Arnold, Frederick L. (1875), artist, in Wilmette, June 6.
Arnold, G. B. (1855), manufacturer, Nov. 26.
Atkinson, Charles E. (1862), bridge builder, June 12.
Atwood, Frederick M. (1849), merchant, Dec. 26, 1909.
Baker, Mrs. Sarah M. (1834), Sept. 3.
Barker, James S. (1832), member of board of trade, April 14.
Barrard, Edward M. (1829), civil-war veteran, Feb. 16.
Barnes, Charles R. (1857), botanist, Feb. 24.
Barnett, John H. (1848), merchant, in Louisville, Ky., May 17.
Bartels, Adolph J. (1834), clergyman, May 21.

Bartlett, Ben (1845), business man, March 1.
Bartlett, John (1829), physician, July 18.
Bay, George P. (1830), banker, May 29.
Becker, Frederick W. (1844), attorney, April 28.
Beckwith, Henry J. (1838), pharmacist, July 27.
Beebe, Henry T. (1820), builder, April 3.
Benze, Herman (1840), realty expert, June 25.
Bigelow, Daniel F. (1823), artist, July 14.
Bigelow, Benjamin F. (1846), traffic manager, May 15.
Bignal, Arthur J. (1838), civil-war veteran, April 28.
Blodgett, Edward A. (1835), soldier in civil war, Oct. 28.
Blume, Jarvis (1842), former Chicago police justice, in Boston, Mass., Feb. 16.
Bond, Isaac (1839), grain merchant, April 8.
Booth, Hervey W. (1851), master in chancery, Jan. 6.
Brace, Thomas (1828), builder, April 9.
Brandt, George W. (1842), lawyer, April 15.
Brookes, Theophilus J. (1834), clergyman, Jan 19.
Brooks, Jonathan W. (1847), merchant, in Corpus Christi, Tex., March 14.
Brown, George F. (1843), business man, Jan. 9.
Brown, Horton L. (1830), commission merchant, Oct. 12.
Bruhn, Anton (1829), veteran of civil war, Sept. 5.
Bruun, Nicolai (1837), druggist, March 21.
Buckley, Frank S. (1858), physician, in Oak Park, Jan. 17.
Busby, William (1847), civil-war veteran, May 11.

Cable, Hobart M. (1840), piano manufacturer, Dec. 12, 1909.
Cady, John F. (1857), manufacturer, April 5.
Cahn, Joseph (1838), merchant, May 17.
Caldwell, James K. (1858), jeweler, July 7.
Caldwell, William W. (1815), retired business man, Aug. 10.
Carter, Consider B. (1833), builder, in White Plains, N. Y., May 16.
Carter, Wallace (1836), contractor, in Winnetka, Feb. 6.
Cassoday, Eldon J., lawyer, in Madison, Wis., June 18.
Chanute, Octave (1832), engineer and inventor, Nov. 23.
Chisholm, Mrs. Mary E., old resident of Chicago, in Cranford, N. J., Oct. 14.
Church, Daniel W. (1853), engineer, Dec. 7, 1909.
Church, Edmund V. (1857), music dealer, Feb. 1.
Clement, Clay (1863), actor, in Kansas City, Mo., Feb. 21.
Clow, Charles R. (1865), business man, May 6.
Cluett, John C. (1845), postoffice employe, June 19.
Coburn, Lewis E. (1834), lawyer, Oct. 23.
Colby, Henry C. (1861), furniture dealer, May 3.
Colby, Francis T. (1860), attorney, Dec. 22, 1909.
Colson, Arthur (1842), engineer, Feb. 23.
Comerford, Frank J. (1831), carriage maker, April 8.
Cook, Alexander (1832), dyer, Sept. 20.
Cosgrove, Thomas W. (1848), lawyer, March 24.
Cox, Alfred J. (1835), bookbinder, Dec. 19, 1909.
Coxe, Edward D. (1829), civil-war veteran, April 26.
Cram, Mrs. Harriet (1834), old resident of Chicago, in Haverhill, N. H., Oct. 29.
Crawford, Henry (1836), lawyer, April 12.
Crilly, Oliver D. (1876), real-estate dealer, Jan. 16.
Cudahy, Michael (1841), packer, Nov. 27.
Cummings, Andrew (1845), restaurant proprietor, March 16.
Curtis, Amasa (1823), inventor, May 21.
Custer, George G. (1838), auditor board of education, Feb. 20.

Dee, William J. (1841), former Chicago packer, in Los Angeles, Cal., Sept. 29.
Del Banco, Mrs. Johanna (1818), June 2.
Delfosse, Charles J. (1872), real-estate dealer, June 10.
De Wolf, Oscar G. (1835), former health commissioner of Chicago, in Chester Center, Mass., March 28.
Dickinson, William P. (1820), commission merchant, Jan. 30.
Dietz, George F. (1857), registrar, in Wilmette, March 21.
Donrazue, Louis (1838), clergyman, April 30.
Downey, William S. (1840), physician, June 1.
Duffy, Thomas H. (1842), contractor, March 21.
Dumbach, Henry J. (1862), priest and educator, Dec. 3, 1909.
Dunn, John J. (1858), coal dealer, Sept. 18.
Dupee, Horace M. (1832), board of trade man, Oct. 3.
Durand, Cassius H. (1849), commission merchant, Sept. 13.

Eastman, Barrett (1869), newspaper writer, in Biloxi, Miss., Jan. 10.
Eastman, Edward P. (1868), lawyer, Aug. 16.
Eaton, Thomas W. (1839), manufacturer, May 16.
Eldredge, Frank P. (1867), manufacturer, Oct. 6.
Emerson, O. P. (1826), retired merchant, June 4.
Enander, John A. (1842), editor, Sept. 9.
Ericson, Albert (1835), clergyman, in Evanston, Ill., July 19.

Fair, George A. (1854), theater manager, Oct. 5.
Fanning, Charles A. (1855), lawyer, in Kankakee, Ill., May 10.
Fargo, Samuel M. (1841), manufacturer, March 12.
Farson, John (1855), banker, in Oak Park, Jan. 18.
Ferguson, John (1860), commission merchant, June 2.
Ferry, John F. (1878), ornithologist, Feb. 11.
Field, Samuel G. (1824), merchant, in Atlantic City, N. J., Jan. 11.
Fischer, Frederick (1821), former Chicago business man, in Los Angeles, Cal., Aug. 8.
Fischer, Leonard J. (1876), merchant, Oct. 21.
Fisher, Mrs. Lucius G. (1849), in Carlsbad, Austria, Aug. 6.
Fitch, Calvin M. (1829), physician, at Twin Lakes, Wis., April 6.
Flagg, William H. (1844), tobacco broker, Feb. 22.
Fortune, Thomas (1880), brewer, Feb. 18.
Foss, Sylvester Dana (1834), former alderman, Oct. 16.
Foster, Charles F. (1852), engineer, May 8.
Francis, John N. (1823), merchant, Jan. 1.
Francis, John R. (1832), publisher, March 2.
Franklin, John, Sr. (1838), veteran of civil war, Dec. 15, 1909.
Franklin, Lesser (1852), real-estate dealer, April 19.
Freistedt, Peter F. (1828), railroad builder, March 26.
Froelich, Wolf (1868), merchant, Sept. 17.
Frutchey, Foster (1866), anatomist, Aug. 28.
George, Milton (1834), editor, Dec. 23, 1909.
Geshkewich, Joseph H., state representative, June 17.
Glover, Samuel C. (1841), veteran of civil war, Sept. 22.
Goddard, Lester O. (1845), attorney, July 13.
Goes, Charles B., lithographer, March 15.
Giles, Charles K. (1838), jeweler, in San Jose, Cal., March 23.
Gregsten, Samuel (1826), real-estate owner, in West Hinsdale, May 14.
Gridley, John B. (1852), manager, July 21.
Griffin, E. M. (1854), priest, Jan. 15.
Hallberg, Carl S. N. (1856), educator, Oct. 22.
Hamel, William (1840), civil-war veteran, July 4.
Hansell, Joseph R. (1835), manufacturer, March 30.
Hardy, Horace F. (1844), secretary, Sept. 30.
Harrington, Joseph (1844), deputy county recorder, May 12.
Hayes, James M., S. J. (1827), priest and educator, April 29.
Healy, Daniel D. (1847), former president of county board, March 3.
Hefter, Nathan (1830), city employe, Jan. 9.
Hendrickson, Forman S. (1858), lumber dealer, Jan. 5.
Hennessey, William S. (1860), priest, Sept. 17.
Henthorn, Charles O. (1841), business man, in Western Springs, Ill., Jan. 3.
Higley, William John (1821), business man, Feb. 3.
Hipwell, William O. (1835), former Chicago banker, in Los Angeles, Cal., Sept. 14.
Hodnett, Thomas P. (1845), priest, Jan. 29.
Hogan, James (1845), lake captain, Oct. 8.
Holbrook, E. M. (1869), capitalist, Nov. 7.
Horner, Angel H. (1856), Chicago grocer, in Bremerhafen, Germany, April 9.
Houghteling, James L. (1855), banker, in Winnetka, July 28.
Howe, Mrs. Clara, Y. W. C. A. worker, April 24.
Hughes, William T. (1825), railroad builder and packer, Aug. 26.
Hutchinson, Thomas (1827), distiller, March 29.
Hyde, James N. (1840), surgeon and skin specialist, at Prout's Neck, Me., Sept. 6.
Hyman, David A., merchant, in Paris, France, Aug. 24.
Ilse, John C. (1858), freight agent, March 29.

Inderrieden, John B. (1839), merchant, Nov. 20.
Ingwersen, Charles H. (1836), commission merchant, May 16.
Jayne, Edgar L. (1846), attorney, July 20.
Jenkins, Wilton A. (1828), veteran of civil war, June 2.
Jones, Lester B. (1874), teacher of music, July 7.
Jones, Sidney B. (1836), railroad official, Aug. 8.
Kaestner, Charles (1826), manufacturer, Aug. 6.
Kamerling, William L. (1862), former alderman, May 18.
Kelley, William E. (1850), Chicago lumberman, in Oconomowoc, Wis., May 27.
Kent, William B. (1858), former commissioner of public works, Oct. 5.
Keys, Frank T. (1859), physician, Sept. 6.
Kilbourn, Frederick H. (1856), insurance, June 5.
Kissner, Leonard (1858), engraver, in Massillon, O., April 30.
Kohl, Charles E. (1856), theater manager, in Oconomowoc, Wis., Nov. 12.
Kohn, Alfred D. (1869), physician, Dec. 2, 1909.
Lane, Francis B., civil-war veteran, July 23.
Lapham, George H. (1833), banker, in Evanston, Aug. 17.
Lawrence, William M. (1847), school principal, July 5.
Lee, Henry (1856), actor, Nov. 9.
Leigh, J. V. (1871), clergyman, Oct. 14.
Leist, Henry (1860), lawyer, March 12.
Lewald, Frank (1854), jeweler, May 2.
Liljencrantz, Ottilie A. (1876), author, Oct. 8.
Linn, John A. (1849), former alderman, county commissioner and clerk of Superior and Circuit courts, April 2.
Little, Arthur W. (1854), clergyman, in Evanston, Sept. 28.
Lloyd, William A. (1832), clergyman, Jan. 29.
Lombard, Isaac G. (1835), banker, in Osterville, Me., Aug. 12.
Loomis, Mrs. Mary H. (1829), Oct. 7.
Lowenthal, Morris (1834), real-estate dealer, July 3.
Lucius, Otto (1846), business man, March 29.
MacDonald, Charles (1857), bookseller, March 24.
Mace, Jem (1831), pugilist, at Harrow-on-Tyne, England, Nov. 30.
MacHarg, William S. (1847), engineer, May 6.
Magee, Mrs. Hattie B. P. (1857), Feb. 19.
Magruder, Benjamin D. (1838), jurist, April 21.
Malcolm, Fred (1857), minstrel, April 3.
Manning, Augustus K. (1848), lawyer, April 3.
Marks, Clarence W. (1851), horseman, Dec. 18, 1909.
Marshall, Caleb H. (1840), capitalist, April 19.
Martin, Mrs. Jane S. (1823), May 8.
May, Frank E. (1847), gas company official, Oct. 30.
Mercer, Frederick W. (1838), surgeon, Feb. 9.
Merrill, Henry W. (1857), physician, Feb. 2.
Michaelis, Walter R. (1869), publisher, drowned in Lake Oquaga, N. Y., Aug. 6.
Miller, H. H. C. (1845), attorney, Nov. 15.
Miller, Margaret M. (1827), civil-war nurse, Sept. 16.
Minzesheimer, Lazarus J. (1861), attorney, March 2.
Morgan, Richard P. (1828), civil engineer, May 20.
Mitchell, William H. (1817), banker, March 8.
Montgomery, Anderson (1861), credit man, Oct. 31.
Morris, Sam (1864), actor, Oct. 31.
Morris, W. G. (1838), navy veteran, Nov. 26.
Morse, R. H. (1880), merchant, July 23.
Mott, Mrs. Helen Stewart (1828), Oct. 4.
Murdoch, Thomas (1828), merchant, Dec. 25, 1909.
McCausland, Samuel G. (1830), live stock dealer, April 1.
McKnight, George F. (1837), civil-war veteran, April 9.
McMahon, James B. (1866), business man, in Augusta, Ga., Feb. 28.
McMillen, William F. (1856), clergyman, Oct. 4.
McMunn, Samuel W. (1850), business man, April 29.
Nash, David (1827), attorney, Jan. 5.
Nate, John (1832), clergyman, Dec. 24, 1909.
Neal, Ezra D. (1839), retired business man, May 26.
Nelson, Theodore (1841), ex-deputy recorder, Dec. 17, 1909.
Nilsson, Svein (1826), journalist, July 1.
Nuveen, Mrs. John, mission worker, Jan. 24.
O'Connor, Dennis, police lieutenant, Jan. 10.
O'Donnell, James (1843), business man, Feb. 16.
Ogden, Edwy J. (1830), surgeon, Feb. 14.
O'Malley, Charles J. (1857), editor, March 26.
Orcutt, Mrs. Anna F., Feb. 27.
O'Sullivan, Timothy D. (1838), clergyman, Oct. 31.
Otis, Martha T. (1836), Oct. 3.
Paddock, George L. (1832), lawyer, Sept. 11.
Palmer, Mrs. Elinor M. (1836), Oct. 14.
Patterson, Robert Wilson (1850), editor of The Chicago Tribune, in Philadelphia, Pa., April 1.
Patten, George W. (1854), grain operator, in Evanston, Ill., Sept. 28.
Perry, Mrs. Josephine Bartlett, singer, Oct. 13.
Perry, Oliver H. (1836), newspaper man, July 21.
Pfaelzer, Louis (1844), packer, in Excelsior Springs, Mo., Jan. 21.
Pfuhl, Francis De (1827), attorney, Jan. 28.
Phelps, Erskine M. (1838), merchant, May 21.
Pickard, Joseph C. (1826), educator, in Maywood, Ill., Nov. 25.
Pitkin, George T. (1843), credit man, July 8.
Pitkin, Mrs. Susan J. T. (1830), April 4.
Platt, Lucius C. (1836), board of trade member, in Lake Forest, April 14.
Porter, Henry H. (1835), railroad builder and manager, March 31.
Purdy, Warren G. (1843), railroad president, Oct. 13.
Race, Frank L. (1863), former alderman, July 21.
Racey, Harry J. (1861), merchant, Feb. 17.
Rae, Robert (1830), lawyer, Jan. 19.
Rae, Mrs. Robert (1858), April 8.
Randall, Charles E. (1861), real-estate dealer, in Wheaton, July 17.
Randall, Richard R. (1829), civil-war veteran, Feb. 5.
Raum, Green B. (1829), ex-commissioner of pensions and veteran of civil war, Dec. 18, 1909.
Rawn, Ira G. (1855), railroad president, in Winnetka, Ill., July 20.
Reed, Pauline M. (1834), teacher, June 27.
Reid, William H. (1840), Chicago banker, in Ottawa, Ill., Sept. 12.
Reilly, Frank W. (1836), assistant health commissioner, Dec. 16, 1909.
Reiss, Louis W. (1820), retired business man, April 22.
Retsin, John L. (1816), contractor, March 10.
Richardson, Samuel M. (1826), Masonic official, Oct. 16.
Riddle, Francis A. (1843), lawyer, Jan. 28.
Ringer, Philip (1838), bookbinder, Jan. 28.
Ritsher, Edward C. (1864), lawyer, June 2.
Rittenhouse, Frank K. (1867), engineer, Feb. 21.
Robbins, Edward F. (1817), retired business man, in Oak Park, Sept. 29.
Robe, Charles F. (1845), brigadier-general U. S. A., retired, July 2.
Robinson, Albert R. (1847), educator, Sept. 22.
Robinson, Byron (1858), professor of surgery, March 23.
Roby, Mrs. Edward (1848), Sept. 18.
Rogers, Joseph (1838), veteran of civil war, June 9.
Rogers, Rufus A. (1843), insurance broker, Dec. 25, 1909.
Rohner, Frank G. (1846), organist, Sept. 3.
Rose, Hiram H. (1856), banker, Jan. 11.
Rosenthal, Rudolph (1831), merchant, Sept. 20.
Ryerson, John A. (1866), business man, May 16.
Sayward, Miss Maria H. (1838), teacher, in Springfield, Ill., Feb. 24.
Scanlan, Timothy J., lawyer, in San Antonio, Tex., March 29.
Schaff, John A. (1835), manufacturer, Jan. 14.
Schmitt, Frank P. (1862), state senator, in Vevey, Switzerland, Sept. 30.
Schriber, Louis (1827), cornetist, in Los Angeles, Cal., Aug. 4.
Seeberger, Mrs. Jennie L. (1837), May 31.
Shaw, Samuel W. (1823), physician, Dec. 20, 1909.
Shaw, Thomas J. (1841), physician, Jan. 21.
Sherman, Elijah B. (1833), master in chancery, May 1.
Shonts, Henry D. (1823), physician, Jan. 10.
Shuttleff, B. M. (1841), civil-war veteran, Sept. 1.
Simmons, Dennis (1831), detective, in Milwaukee, Wis., Feb. 2.
Slayton, Henry L. (1841), head of lecture bureau, June 10.
Slominski, Wladislaw (1838), manufacturer, Aug. 26.
Smith, Mrs. Beatrice (1828), in Evanston, March 21.
Smith, Calvin S. (1851), insurance agent, Dec. 26, 1909.
Spelman, Dominic (1841), priest, March 5.
Spies, Ferdinand C. (1851), jeweler, Sept. 1.

Stanley, William N. (1842), veteran of civil war, Sept. 6.
Stanton, George E. (1844), merchant, in Lake Forest, Ill., Oct. 23.
Stanwood, Edward W. (1849), ex-alderman, Dec. 14, 1909.
Steele, Henry B. (1863), merchant, Dec. 18, 1909.
Stoddard, Henry S. (1838), United States Circuit court clerk in Chicago, in Utica, O., May 17.
Strassheim, Daniel (1833), old settler, Feb. 26.
Strobridge, T. R. (1840), clergyman, Aug. 18.
Sullivan, Eugene C. (1860), agent, in Wauwatosa, Wis., April 3.
Tash, John (1829), civil and Mexican war veteran, May 28.
Taylor, Percy (1851), turfman, near Elgin, Ill., March 2.
Thielmann, Franz (1842), restaurant proprietor, Oct. 29.
Thompson, Stephen B. (1844), civil-war veteran, June 27.
Tibbits, Henry S., educator, July 12.
Tierney, John (1837), lake captain, Feb. 19.
Tinkham, Charles A. (1851), manufacturer, April 29.
Tope, John Wesley (1845), physician, June 18.
Treat, Samuel A. (1839), architect, in Battle Creek, Mich., June 17.
Tree, Lambert (1832), former Cook county Circuit court judge, in New York, N. Y., Oct. 9.
Tuley, Mrs. Katherine E. (1831), Oct. 23.
Tuthill, Mrs. Harriet McKey (1856), April 29.
Van Vliet, Leonard S. (1830), veteran of civil war, in Oak Park, Aug. 11.
Vernon, David (1838), banker, April 2.
Volwider, Jacob (1830), insurance man, Aug. 17.
Wake, Charles S. (1835), anthropologist, June 22.
Walker, Edwin (1832), lawyer, in Wequetonsing, Mich., Sept. 2.
Walker, Frank E. (1844), manufacturer, March 20.
Wanzer, James M. (1829), ex-alderman, Jan. 26.
Warner, Ezra J. (1841), wholesale grocer, in Lake Forest, Sept. 9.
Warner, Mrs. Elizabeth M., teacher, Oct. 6.
Warren, Joseph P. (1873), educator, Dec. 5, 1909.
Waskow, Augustus (1847), lake captain, Aug. 2.
Watson, William (1826), physician, Nov. 21.
Wells, Thomas E. (1856), Chicago banker and packer, in England, Aug. 4.
Wheelock, Joseph, Jr., actor, in Phœnix, Ariz., Jan. 25.
Whitcomb, George P. (1838), lawyer, Jan. 28.
White, Harvey (1845), commercial broker, Dec. 20, 1909.
White, Thomas W. (1831), contractor, March 2.
White, William D. (1841), contractor, March 24.
Wing, Horace F. (1829), lake captain, April 10.
Wittbold, George (1832), florist, Sept. 19.
Woodruff, Cyrus H. (1819), foundryman, Oct. 12.
Wormser, David (1856), brewer, June 12.

RECORD OF LEADING STOCKS IN 1910.

Jan. 1 to Nov. 27. [From Dun's Review.]

Stocks.	High.		Low.	
Adams Express	251	Nov. 17	250	June 1
Allis-Chalmers	15	Jan. 3	7½	July 27
Preferred	54¾	Jan. 5	27	Aug. 5
Amalgamated Copper	90¾	Jan. 3	55⅛	July 13
American Ag'l Chemical.	49½	Oct. 21	35	July 26
Preferred	103	Jan. 10	99¼	Apr. 8
American Beet Sugar	47¼	Jan. 10	24	July 26
Preferred	95½	June 15	89	July 27
American Can	13⅞	Jan. 3	6⅞	June 30
Preferred	81½	Jan. 6	62	July 26
American Car Foundry.	72⅞	Jan. 3	39½	July 26
Preferred	120	Mar. 9	109	June 30
American Cotton Oil	69¾	Mar. 9	52⅛	July 26
Preferred	107	Oct. 13	101	Feb. 1
American Express	301	Jan. 8	237	Sep. 1
American Hide & Leather	8½	Jan. 5	4	Sep. 8
Preferred	47⅞	Jan. 3	19	Sep. 8
American Ice Securities.	29¼	Mar. 8	16½	July 26
American Linseed	17¾	Jan. 3	10¾	July 27
Preferred	46⅞	Jan. 3	25½	June 30
American Locomotive	62½	Jan. 3	29	July 26
Preferred	115	Jan. 7	102½	Aug. 6
American Malt	8	Feb. 18	4	Oct. 1
Preferred	48	Mar. 21	28½	June 30
Amer. Smelter pfd B	90⅞	Jan. 3	82	July 25
American Smelt & Ref.	104	Jan. 3	61⅜	July 26
Preferred	112¾	Jan. 3	98¼	July 26
American Snuff	285	Apr. 27	277	Apr. 4
Preferred	101½	Sep. 20	95½	Jan. 13
Amer. Steel Foundries	66	Jan. 10	38	July 26
American Sugar Ref	127½	Feb. 28	111⅜	Oct. 3
Preferred	124	Feb. 28	112	Oct. 3
American Tel. & Cable	88	Oct. 11	71	Sep. 20
American Tel. & Tel.	143¾	Feb. 24	126¾	July 26
Amer. Tob. pfd new	99¾	Mar. 14	90½	July 26
American Woolen	39½	Mar. 18	25⅛	July 5
Preferred	104	Mar. 7	91⅛	July 5
Anaconda Copper	54	Jan. 3	33½	July 26
Ass'd Merchants 1st pfd.	110	Jan. 15	110	Jan. 15
Atch., Top. & Santa Fe.	124½	Jan. 3	90¾	July 26
Preferred	104¼	Jan. 10	97	July 1
Atlantic Coast Line	137½	Jan. 5	102½	July 26
Baltimore & Ohio	119⅛	Jan. 8	100¼	Sep. 6
Preferred	94	Jan. 7	87¼	Sep. 10
Batopilas Mining	3½	Jan. 5	2	Sep. 28
Bethlehem Steel	34⅞	Oct. 21	21	June 30
Preferred	65	Jan. 19	49	Aug. 10
Brooklyn Rapid Transit.	82⅜	May 21	68½	Feb. 7
Brooklyn Union Gas	164½	Jan. 3	125	July 26
Buffalo, Roch & Pitts	106	Jan. 10	95	May 12
Preferred	133	Jan. 14	125	Apr. 23
Buffalo & Susq. pfd	35	Feb. 19	28	Feb. 23
Butterick Company	33	Jan. 4	28	June 8
Canada Southern	70	Jan. 4	60½	July 20
Canadian Pacific	202⅜	Nov. 1	176¾	Feb. 8
Central & S. Am. Tel.	119	Jan. 25	114½	Aug. 8
Central Leather	48¾	Jan. 3	25¼	July 26
Preferred	109¼	Mar. 8	99¼	July 27
Cent. R. R. of New Jer.	312	Jan. 7	248	July 26
Cheasapeake & Ohio	92	Jan. 3	65	Aug. 2
Chicago & Alton	66¾	Jan. 3	24	July 12
Preferred	69	Apr. 1	64⅞	June 27
Chi. Great Western new.	36⅞	Jan. 3	19	July 26
Preferred new	64⅛	Jan. 10	40	July 26
Chicago, Mil. & St. Paul.	158⅜	Jan. 3	113¾	June 30
Preferred	172¼	Jan. 3	143	Sep. 2
Chicago & Northwestern.	182½	Jan. 3	137¼	July 26
Preferred	225	Jan. 4	203	June 27
Chi. St.,P., M. & Omaha.	162½	Feb. 23	140	Apr. 28
Preferred	165	Oct. 25	164¼	Oct. 25
Chicago Term. Trans	4	Jan. 7	2	Jan. 31
Chicago Union Traction	5⅜	Jan. 4	2½	May 24
Preferred	12¼	Jan. 4	4⅞	Sep. 28
Clev., Cin., Chi. & St. L.	92¼	Mar. 18	61	Nov. 1
Preferred	104	Jan. 15	99	Sep. 14
Colorado Fuel & Iron	50	Jan. 3	22½	July 26
Preferred	120	Jan. 19	107	Oct. 19
Colorado Southern	65¾	Feb. 25	46	July 26
First preferred	83	Mar. 4	70	July 27
Second preferred	81	Jan. 6	70	Aug. 1
Col. & H'g Coal & Iron	92½	Jan. 4	3	Sep. 12
Consolidated Gas	160⅜	Jan. 3	122½	Jan. 26
Corn Products Ref. Co	23¼	Jan. 6	11½	June 30
Preferred	86⅜	Jan. 3	70⅜	July 26
Crex Carpet Co	64½	Nov. 17	55	Apr. 20
Cuban American Sugar	38	June 27	38	June 27
Preferred	90	June 29	90	June 29
Delaware & Hudson	185	Jan. 3	149¼	July 26
Del., Lack. & Western	620	Mar. 21	490	July 26
Denver & Rio Grande	52	Jan. 3	23¼	July 26
Preferred	84	Jan. 3	62⅜	July 26
Des Moines & Ft. Dodge.	5	June 28	4½	Nov. 16
Detroit United Railway.	66	Jan. 22	45	July 11
Distillers Securities	36¾	Jan. 10	25¼	July 26
Duluth, S. S. & Atlantic.	18¾	Jan. 3	10	July 1
Preferred	34⅜	Jan. 4	17	July 26
Duluth-Superior Traction.	72¾	Apr. 15	70½	May 2
Preferred	70	Apr. 16	69⅝	Sep. 14
Du P. de N. Pow. Co., pfd.	87	Mar. 31	84½	Sep. 7
Erie	34⅝	Jan. 5	19½	July 26
First preferred	52¾	Mar. 8	35	July 27
Second preferred	42	Mar. 8	26¼	July 27
Evansville & Terre Haute	61½	Oct. 18	55	Sep. 1
Preferred	82½	Jan. 20	82½	Jan. 20
Fed. Mining & Smelting.	60	Mar. 9	12	Oct. 26
Preferred	88	Jan. 3	37	Oct. 27
Federal Sugar	38	Oct. 11	38	Oct. 11
General Chemical	109¾	Feb. 16	93	June 30
Preferred	107	Mar. 18	101½	June 3
General Electric	160⅞	Jan. 6	134	July 26

Stocks.	High.		Low.	
Goldfield Consolidated	9¼	Sep. 26	7⅜	Oct. 14
Granby Consol	112½	Jan. 5	40	Apr. 7
Great Northern pfd	143⅞	Jan. 3	118	July 26
Great Northern Ore ctfs.	80½	Jan. 4	45	July 6
H. B. Claflin Co	116¾	Jan. 7	116¼	Jan. 7
First preferred	96⅝	Jan. 7	96	June 5
Havana Elec. Railway	97½	Apr. 14	88½	Jan. 20
Preferred	99	Jan. 4	93½	Nov. 17
Hocking Valley	140	Oct. 4	102	Feb. 7
Preferred	101⅝	June 14	86	Feb. 7
Homestake Mining	89	June 7	81	Jan. 6
Illinois Central	147	Jan. 5	124	July 26
Ingersoll-Rand	105	May 16	105	May 16
Interborough-Metrop'n	25½	Jan. 11	14¼	July 26
Preferred	62⅞	Jan. 12	41½	July 26
Internat'nal Harvester	125⅞	Jan. 10	83½	Feb. 8
Preferred	129	Jan. 4	117	Aug. 11
Internat'l Merc. Marine	7½	Jan. 5	4¼	July 26
Preferred	24⅝	Jan. 5	12⅝	July 26
International Paper	16	Jan. 3	9	July 1
Preferred	61½	Jan. 3	41½	July 26
Internat'l Steam Pump	54⅝	Jan. 7	36⅝	July 26
Preferred	90¾	Jan. 17	78½	July 26
Iowa Central	30	Jan. 3	15	June 30
Preferred	54¼	Jan. 3	25	July 26
K. C., Ft. S. & M. pfd.	80	Feb. 18	68	Aug. 2
Kansas City Southern	44¼	Jan. 3	23	July 26
Preferred	71	Jan. 4	58	Aug. 2
Keokuk & Des Moines	9	Jan. 4	4¾	July 26
Preferred	42	Oct. 17	38	Sep. 13
Knickerbocker Ice pfd	81	Mar. 3	77	Mar. 19
Lackawanna Steel	45	May 20	34	Oct. 11
Laclede Gas	116½	Jan. 10	93¾	July 29
Preferred	95	May 3	95	May 3
Lake Erie & Western	25¾	Jan. 5	15	Apr. 29
Preferred	62¾	Jan. 3	39	Oct. 1
Long Island	70¼	Apr. 14	60	July 1
Louisville & Nashville	159¾	Jan. 5	131½	July 26
Mackay Companies	98	Oct. 10	79	July 26
Preferred	78¾	Oct. 10	71	July 27
Manhattan Beach	3½	Mar. 23	2½	Nov. 15
Manhattan Elevated	146	Oct. 6	123	June 30
Minn. & St. Louis	53⅜	Jan. 4	23	July 26
Preferred	80	Feb. 23	40	Sep. 21
M., St. P. & S. S. M.	145	Mar. 3	114	July 26
Preferred	155½	Mar. 2	144	June 6
Preferred leased line	92¾	Jan. 3	86¼	Sep. 20
Missouri, Kansas & Tex.	51⅛	Jan. 5	27	July 26
Preferred	74⅝	Jan. 5	57	July 26
Missouri Pacific	73⅞	May 23	41	July 26
Morris & Essex	183	Mar. 8	183	Mar. 8
Nashville, Chat. & St. L.	140	Nov. 3	125	July 26
National Biscuit Co	115	Jan. 5	100	Aug. 3
Preferred	125	Jan. 17	118¾	July 6
National Enameling	28½	Jan. 3	14	Sep. 17
Preferred	96½	Jan. 18	84	Oct. 17
National Lead Co	89⅝	Jan. 4	46½	July 26
Preferred	110½	Jan. 17	101¾	July 26
Nat'l Rys of Mex. 1st pfd.	72⅜	Nov. 3	60	Feb. 3
Second preferred	37½	Nov. 14	23½	July 26
Nevada Con. Copper	22⅜	Oct. 17	17½	July 6
New Central Coal	52⅛	Feb. 16	52⅛	Feb. 16
New York Air Brake	95½	Jan. 3	59	June 6
New York Central	128	Mar. 9	105½	July 26
N. Y., Chi. & St. Louis	68⅞	Nov. 3	55½	May 4
First preferred	109¾	Jan. 21	109¾	Jan. 21
Second preferred	98	Jan. 19	82¾	Apr. 28
New York Dock	29	June 30	29	June 30
Preferred	86	Mar. 18	82½	Apr. 27
N. Y., N. H. & Hartford	162	Mar. 14	149	Apr. 28
N. Y., Ontario & Western	50	Jan. 5	38½	Aug. 2
Norfolk & Western	108⅝	Mar. 21	88½	July 26
Preferred	91¼	Mar. 16	88	Feb. 3
North American	84	Jan. 3	63	July 6
Northern O. Tran. & Light	39	Oct. 17	35	Feb. 1
Northern Pacific	145⅝	Jan. 3	111½	Aug. 3
Ontario Mining	3½	Feb. 17	2	July 13
Pacific Coast	118¾	Jan. 12	100	Oct. 13
Second preferred	118	Jan. 3	105	Feb. 14
Pacific Mail	43¼	Jan. 4	22⅞	July 26
Pacific Tel. & Tel	46¼	Jan. 4	30	July 25
Preferred	98	Mar. 22	95	Jan. 29
Pennsylvania railroad	138½	Mar. 9	122½	July 26
Peoples Gas, Chicago	116⅜	Jan. 3	103	July 26
Peoria & Eastern	28	Jan. 10	18	Sep. 12
Pere Marquette	35	Mar. 15	30	May 17
First preferred	62½	Feb. 3	50	June 1
Second preferred	40	Mar. 16	36	July 6

Stocks.	High.		Low.	
Philadelphia Co	106½	Jan. 8	84	July 6
P., C., C. & St. Louis	104⅝	Mar. 22	89	July 26
Preferred	116	Mar. 1	110	Oct. 25
Pittsburg Coal	27⅜	Jan. 5	13	July 26
Preferred	85	Jan. 3	60¼	July 26
Pressed Steel Car	51⅞	Jan. 3	25	July 26
Preferred	107½	Jan. 5	90	July 27
Pullman Co	200	Feb. 11	153⅜	July 26
Quicksilver	3⅞	Apr. 5	2	Sep. 26
Preferred	5⅞	May 21	2⅞	Aug. 2
Railway Steel Springs	51⅞	Jan. 3	28	July 26
Preferred	107	Jan. 17	90¼	Sep. 7
Reading	172¼	Feb. 18	130⅝	July 26
First preferred	93½	Feb. 17	85	Aug. 24
Second preferred	110½	Jan. 3	87	July 26
Republic Iron & Steel	45⅞	Jan. 3	27	June 4
Preferred	104¼	Jan. 3	82¾	July 26
Rock Island	57¼	Jan. 3	22⅞	July 26
Preferred	92½	Apr. 9	54	July 27
Rome, Watertown & Og.	121½	May 5	121½	May 5
Rutland preferred	44	Nov. 1	28	Feb. 3
St. Joseph & Grand Isl'd	20	Apr. 19	18	June 13
First preferred	55	Jan. 14	45	July 27
Second preferred	40	Feb. 28	38	Feb. 21
St. L. & S. Fran. 1st pfd.	73	Jan. 6	58	Aug. 10
Second preferred	60	Jan. 5	54½	Aug. 2
St. L. & S. F. C. & E. I. ctfs.	125	June 6	125	June 6
New ctfs	63	Feb. 3	53	Sep. 28
Pfd. ctfs	116½	Feb. 11	116½	Feb. 11
St. Louis Southwestern	34½	Jan. 3	18½	July 26
Preferred	77½	Jan. 3	51½	July 26
Sears-Roebuck	190	Nov. 12	150	June 30
Preferred	121½	Mar. 2	121½	Mar. 2
Sloss-Sheff Steel & Iron Co.	86½	Jan. 3	48½	July 30
Preferred	118¾	Feb. 3	114	July 5
South Porto Rico Sugar	90	Sep. 21	81	July 27
Preferred	114	Mar. 17	110	Apr. 6
Southern Pacific	138¼	Jan. 4	103¼	July 26
Southern railway	33¾	Jan. 3	18	July 26
Preferred	75	Jan. 3	43	July 26
Tennessee Copper	40⅝	Jan. 3	19⅜	July 26
Texas Co	144	Oct. 18	134	Oct. 7
Texas Pacific	36⅜	Jan. 3	22½	July 26
Land Tr	95	May 13	83	Feb. 1
Third Avenue	19½	Jan. 7	5½	June 1
Toledo Railways & Light	15⅜	Jan. 12	5½	July 1
Toledo, St. L. & Western	54⅜	Jan. 4	17	July 26
Preferred	72¼	Jan. 4	42⅜	July 26
Twin City Rapid Transit	117½	Jan. 3	103	July 26
Preferred	145	Jan. 3	145	Jan. 3
Union Bag & Paper Co.	13¼	Jan. 3	6	July 5
Preferred	73	Jan. 13	55	July 15
Union Pacific	204⅜	Jan. 3	152¼	July 26
Preferred	103⅜	Jan. 7	88¼	July 26
United Cigar Mfg. pfd.	109½	Jan. 19	100	Sep. 26
United Dry Goods	122	Jan. 3	96	Aug. 2
Preferred	113⅞	Jan. 3	99¼	Aug. 2
Un'd Rys. Investment Co.	42¼	Jan. 3	23¾	June 30
Preferred	72⅝	Jan. 3	47	June 30
U. S. Cast Iron Pipe	32	Jan. 3	14½	July 21
Preferred	84	Jan. 10	49	June 28
U. S. Express	145	Jan. 10	95¼	July 26
U. S. Realty & Impvmt.	84¼	Jan. 4	64¾	July 26
U. S. Reduc. & Refining	11	Jan. 14	4	June 27
Preferred	29½	Jan. 3	13	July 8
U. S. Rubber	52½	Jan. 3	27	July 26
First preferred	116½	Jan. 10	99	July 26
Second preferred	84	Jan. 3	59½	July 27
U. S. Steel	91	Jan. 3	61⅛	July 26
Preferred	125⅜	Jan. 3	110½	July 26
Utah Copper	60¼	Jan. 6	39⅝	June 30
Va.-Car Chemical	66½	Oct. 21	47	Feb. 3
Preferred	129¼	Jan. 4	117	July 28
Va. Iron, Coal & Coke	73	Jan. 8	50	Sep. 24
Vulcan Detinning	20	Jan. 24	12	Oct. 21
Preferred	81	Jan. 7	60	Feb. 4
Wabash	27¾	Jan. 3	12½	July 26
Preferred	61	Jan. 3	28⅛	July 26
Wells-Fargo Express	186	Jan. 17	152	Feb. 3
Western Maryland Ry	54⅜	Mar. 12	40	July 26
Preferred	74	Oct. 22	67	Aug. 15
W. U. Telegraph	78½	Mar. 4	56	July 26
Westinghouse E. & M	82½	Jan. 3	49½	July 26
First preferred	130	Feb. 24	110	May 3
Wheeling & Lake Erie	10	Jan. 3	3	Apr. 28
First preferred	23	Jan. 3	8	June 30
Second preferred	13½	Jan. 3	4	June 30
Wisconsin Central	64	Nov. 2	44	July 26

Election Returns.

POPULAR VOTE FOR PRESIDENT (1908).

[Compiled by bureau of statistics from reports on file in the state department, Washington, D. C.]

STATE.	Rep. Taft.	Dem. Bryan.	Pro. Chafin	Soc. Debs.	S. L. Gilhaus.	Peo. Watson.	Ind. Hisgen.	Rep. Plurality's	Dem. Plurality's.	*Total vote.
Alabama	25,308	74,374	665	1,399	.....	1,568	495	.....	49,066	103,809
Arkansas	56,760	87,015	1,194	5,842	.....	1,026	289	.....	30,255	152,126
California	214,398	127,492	11,770	28,659	.....	.....	4,278	86,906	.....	386,597
Colorado	123,700	126,644	5,559	7,974	.....	.....	.....	.....	2,944	265,877
Connecticut	112,915	68,255	2,380	5,113	608	.....	728	44,660	.....	189,999
Delaware	25,014	22,071	670	239	.....	.....	30	2,943	.....	48,024
Florida	10,654	31,104	555	3,747	.....	1,946	1,356	.....	20,450	49,360
Georgia	41,692	72,413	1,059	584	.....	16,969	77	.....	30,721	132,794
Idaho	52,621	36,162	1,986	6,400	.....	.....	119	16,459	.....	97,288
Illinois	629,929	450,795	29,343	34,691	1,851	633	7,709	179,134	.....	1,154,751
Indiana	348,993	338,262	18,045	13,476	643	1,193	514	10,731	.....	721,126
Iowa	275,210	200,771	9,837	8,827	..	261	404	74,439	.....	494,770
Kansas	197,216	161,209	5,033	12,420	.....	.....	68	36,007	.....	375,946
Kentucky	235,711	244,662	5,887	4,060	404	333	200	.....	8,381	490,687
Louisiana	8,958	63,568	.....	2,538	.....	.....	82	.....	54,610	75,146
Maine	66,987	35,409	1,487	1,758	.....	.....	701	31,584	.....	106,336
Maryland	116,513	115,908	3,302	2,323	.....	.....	485	605	.....	238,531
Massachusetts	265,966	155,543	4,379	10,781	1,018	.....	19,239	110,423	.....	456,926
Michigan	335,580	175,771	16,974	11,586	1,096	.....	742	159,809	.....	541,749
Minnesota	195,843	109,401	11,107	14,527	.....	.....	426	86,442	.....	331,304
Mississippi	4,363	60,287	.....	978	.....	1,276	.....	.....	55,924	66,904
Missouri	347,203	346,574	4,231	15,431	868	1,165	402	629	.....	715,874
Montana	32,333	29,326	827	5,855	.....	.....	481	3,007	.....	68,822
Nebraska	126,997	131,099	5,179	3,524	.....	.....	.....	.....	4,102	266,799
Nevada	10,775	11,212	.....	2,103	.....	.....	436	.....	437	24,526
New Hampshire	53,149	33,655	905	1,299	.....	.....	584	19,494	.....	89,592
New Jersey	265,326	182,567	4,934	10,253	1,196	.....	2,922	82,759	.....	467,198
New York	870,070	667,468	22,667	38,451	3,877	.....	35,817	202,602	.....	1,638,350
North Carolina	114,937	136,995	.....	378	.....	.....	.....	.....	22,058	252,310
North Dakota	57,680	32,885	1,553	2,421	.....	.....	43	24,795	.....	94,582
Ohio	572,312	502,721	11,402	33,795	720	163	475	69,591	.....	1,121,588
Oklahoma	110,474	122,363	.....	21,734	.....	412	245	.....	11,889	255,228
Oregon	62,530	38,049	2,682	7,339	.....	.....	289	24,481	.....	110,889
Pennsylvania	745,779	448,778	36,694	33,913	1,222	.....	1,057	297,001	.....	1,267,443
Rhode Island	43,942	24,706	1,016	1,365	183	.....	1,105	19,236	.....	79,317
South Carolina	3,965	62,250	.....	100	.....	.....	43	.....	58,325	66,398
South Dakota	67,536	40,266	4,039	2,846	.....	.....	88	27,270	.....	114,775
Tennessee	118,324	135,608	300	1,870	.....	1,081	332	.....	17,284	257,515
Texas	65,666	217,302	1,634	7,870	.....	.....	.....	.....	151,636	292,472
Utah	61,028	42,601	.....	4,895	.....	.....	87	18,427	.....	108,611
Vermont	39,552	11,496	802	.....	.....	.....	804	28,056	.....	52,654
Virginia	52,573	82,946	1,111	255	25	105	51	.....	30,373	137,066
Washington	106,062	58,691	4,700	14,177	.....	.....	249	47,371	.....	183,879
West Virginia	137,869	111,418	5,139	3,679	.....	.....	46	26,451	.....	258,151
Wisconsin	247,747	166,632	11,572	28,170	314	.....	.....	81,115	.....	454,435
Wyoming	20,846	14,918	66	1,715	.....	.....	64	5,928	.....	37,609
Total	7,679,006	6,409,106	252683	420820	13825	28,131	83,562	1818355	548,455	14,887,133
Plurality	1,269,900									

*Does not include defective ballots or votes for candidates not represented by any electoral ticket. In Illinois 400 votes were cast for Turney, united Christian party. He also received 61 votes in Michigan. In Maryland the electoral vote was split, the democrats getting six and the republicans one, but the highest republican elector received 605 votes more than the highest democratic elector.

ALABAMA (Population in 1910, 2,138,093).

COUNTIES. Population in 1910. (67)	GOV. 1910 Dem.	Rep.	Soc.	PRES. '08 Dem.	Rep.
	O'Neal	Thompson	Carter	Bryan	Taft
20038 Autauga	627	58	—..	655	97
18178 Baldwin	467	27	47..	439	107
32728 Barbour	1157	51	2..	1303	43
22791 Bibb	909	49	31..	670	159
21456 Blount	1464	764	7..	1133	973
30196 Bullock	578	1	—..	782	10
29030 Butler	808	74	4..	727	137
39115 Calhoun	1593	451	12..	1438	570
36056 Chambers	1058	30	7..	1025	50
20226 Cherokee	1373	355	31..	712	602
23187 Chilton	994	936	68..	656	891
18483 Choctaw	474	15	4..	590	44
30987 Clarke	998	33	9..	1169	56
21006 Clay	1305	745	3..	863	594
13385 Cleburne	849	428	2..	278	344
26119 Coffee	1312	120	5..	1305	341
24862 Colbert	912	174	33..	849	352
21433 Conecuh	976	31	14..	651	111
16634 Coosa	845	135	5..	717	447

Population.		O'Neal	Thompson	Carter	Bryan	Taft
32124	Covington	1218	79	14..	1054	315
23313	Crenshaw	1002	67	3..	1100	311
28321	Cullman	1705	1093	11..	1239	1521
21873	Dale	1122	183	—..	921	346
53401	Dallas	2468	23	1..	1420	28
28261	DeKalb	1515	936	13..	1305	1104
28245	Elmore	1604	72	5..	1063	138
18889	Escambia	509	104	6..	614	112
39109	Etowah	—	—	—..	1309	996
16248	Fayette	808	597	12..	731	678
19369	Franklin	890	786	53..	650	652
26230	Geneva	883	234	17..	854	501
22717	Greene	351	3	—..	423	12
27883	Hale	638	9	—..	714	13
20943	Henry	600	32	3..	723	79
32414	Houston	1895	280	5..	965	242
32918	Jackson	1113	272	9..	1404	469
326476	Jefferson	6373	1377	92..	7808	2182
27487	Lamar	677	48	—..	839	163
30936	Lauderdale	1288	364	42..	1177	427
21984	Lawrence	681	222	12..	602	344

Population.		O'Neal	Thompson	Carter	Bryan	Taft
22867	Lee	783	26	26..	1126	—
16880	Limestone	884	54	1..	1188	238
31894	Lowndes	483	16	1..	633	36
26049	Macon	692	47	—..	482	88
47041	Madison	1483	175	37..	2168	277
39923	Marengo	1906	17	—..	1333	78
17495	Marion	1018	425	3..	1100	589
28553	Marshall	1856	872	9..	1313	925
80854	Mobile	2889	205	47..	2422	447
27155	Monroe	623	4	—..	856	18
82178	Montgomery	2218	48	7..	2621	79
33781	Morgan	1650	485	34..	1548	494
31222	Perry	668	5	4..	776	12
25055	Pickens	586	73	5..	816	69
30815	Pike	1382	53	1..	1507	39
24659	Randolph	1341	454	4..	799	395
25937	Russell	390	28	13..	516	33
26949	Shelby	1359	1354	23..	820	781
20715	St. Clair	985	618	20..	1011	1,231
28939	Sumter	545	5	—..	719	3
37921	Talladega	1090	261	2..	1010	351
31034	Tallapoosa	1467	95	5..	1343	104
47559	Tuscaloosa	1771	116	56..	1729	168
37013	Walker	1909	1444	146..	1632	1367
14454	Washington	333	5	2..	464	40
33810	Wilcox	734	2	—..	1027	2
12855	Winston	553	1049	3..	443	949
	Total	77694	19260	1042..	74374	25308
	Plurality	58434			49066	
	Per cent	78.61	19.49	1.06..	71.93	24.47
	Total vote	98833		..	103309	

For governor in 1910, Scott, progressive republican, received 837 votes. For president in 1908, Debs, soc., received 1,309 votes; Hisgen, ind., 495, and Watson, peo., 1,568.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Choctaw, Clarke, Marengo, Mobile, Monroe and Washington.
   George W. Taylor, Dem. 6,571
   Louis Edelman, Progressive Rep. 147
   L. F. Rush, Soc. 68
2. The counties of Baldwin, Butler, Conecuh, Covington, Crenshaw, Escambia, Montgomery, Pike and Wilcox.
   S. H. Dent, Jr., Dem. 9,590
3. The counties of Barbour, Bullock, Coffee, Dale, Geneva, Henry, Houston, Lee and Russell.
   Henry D. Clayton, Dem. 9,173
4. The counties of Calhoun, Chilton, Cleburne, Dallas, Shelby and Talladega.
   Fred L. Blackmon, Dem. 8,286
   J. M. Atkins, Rep. 3,572
5. The counties of Autauga, Chambers, Clay, Coosa, Elmore, Lowndes, Macon, Randolph and Tallapoosa.
   J. Thomas Heflin, Dem. 10,058
6. The counties of Fayette, Greene, Lamar, Marion, Hale, Pickens, Sumter, Tuscaloosa and Walker.
   Richmond P. Hobson, Dem. 9,296
   Andrew D. Mitchell, Rep. 2,014
7. The counties of Cherokee, Cullman, DeKalb, Etowah, Franklin, Marshall, St. Clair and Winston.
   J. L. Burnett, Dem. 9,496
   M. W. Howard, Rep. 8,977
8. The counties of Colbert, Jackson, Lauderdale, Lawrence, Limestone, Madison and Morgan.
   William Richardson, Dem. 8,785
   Jake J. Huber, Soc. 166
   J. T. Moffatt, Rep. 6
9. The counties of Bibb, Blount, Jefferson and Perry.
   O. W. Underwood, Dem. 10,114

LEGISLATURE.	Senate.	House.	J.B.
Democrats	34	103	137
Republicans	1	4	5

STATE OFFICERS. (All democrats.)

Governor—Emmett O'Neal.
Lieutenant-Governor—Walter D. Seed.
Attorney-General—R. C. Brickell.
Secretary of State—Cyrus B. Brown.
State Auditor—C. Brooks Smith.
State Treasurer—John Purifoy.
Superintendent of Education—Henry J. Willingham.
Commissioner of Agriculture and Industries—R. F. Kolb.

ARIZONA (Population in 1910 204,354).

Population in 1910.	COUNTIES. (13)	DELEGATE 1908 Rep. Cameron.	Dem. Smith.	Soc. Can'n.	Ind. Cleary.	S.L. Stew't.	Pro. Sibley
9196	Apache	363	195	—	8	—	1
34591	Cochise	2526	2233	356	55	8	11
8136	Coconino	570	396	49	—	—	—
16780	Gila	945	976	404	11	4	2
23547	Graham	1146	1423	169	8	7	—
34488	Maricopa	2224	1995	179	9	15	50
3773	Mohave	195	351	53	2	2	7
11491	Navajo	395	304	38	—	2	—
22818	Pima	1296	1260	116	3	11	4
9045	Pinal	357	349	28	3	4	5
6766	Santa Cruz	308	342	27	2	—	2
15996	Yavapai	1532	1326	332	18	14	13
7733	Yuma	578	567	161	1	2	1
	Total	12435	11727	1912	118	69	106
	Plurality	708					
	Per cent	47.13	44.48	7.26	.45	.27	.41
	Total vote	26367					

No election in 1910 pending admission to statehood.

LEGISLATURE.	Council.	House.	J.B.
Republicans	2	7	9
Democrats	10	17	27

TERRITORIAL OFFICERS.

Governor—Richard E. Sloan.
Secretary—George U. Young.
Treasurer—E. E. Kirkland.
Attorney-General—E. S. Clark.

ARKANSAS (Population in 1910, 1,574,449).

Population in 1910.	COUNTIES. (75)	GOVERNOR, 1910 Dem. Donaghey	Soc. Hogan	Rep. Rowland	PRES. 1908 Dem. Bryan	Rep. Taft
16103	Arkansas	1067	62	396..	957	673
25268	Ashley	1233	141	395..	1100	821
10389	Baxter	694	74	263..	607	301
33389	Benton	2504	247	985..	3067	1532
14318	Boone	1312	60	552..	1149	682
14518	Bradley	960	54	161..	906	316
9894	Calhoun	647	72	57..	554	233
16829	Carroll	1525	92	1118..	1295	1051
21987	Chicot	985	18	220..	438	644
23686	Clark	1314	48	437..	1206	1007
23690	Clay	1645	416	730..	1527	1610
11903	Cleburne	923	111	246..	506	295
13481	Cleveland	943	57	156..	771	426
23820	Columbia	1350	41	402..	1613	817
22729	Conway	2778	74	364..	2533	821
27627	Craighead	1973	289	314..	1653	710
23942	Crawford	1670	94	1176..	1261	1339
22447	Crittenden	1304	1	32..	428	382
14042	Cross	979	153	327..	705	524
12621	Dallas	949	61	614..	721	636
15274	Desha	441	7	56..	518	265
21960	Drew	1157	63	352..	1123	680
23708	Faulkner	1784	173	560..	1771	752
20638	Franklin	1496	156	580..	1311	568
12193	Fulton	831	46	286..	741	367
27271	Garland	1732	167	883..	1340	1109
9425	Grant	598	16	133..	524	160
23852	Greene	1846	316	491..	1606	549
28285	Hempst'd	2569	59	1402..	1779	1350
15022	Hot Spr'gs	1235	80	778..	833	686
16898	Howard	1067	80	295..	967	611
24776	Indepen'ce	2264	188	927..	1529	945
14561	Izard	1145	58	346..	873	392
23501	Jackson	1382	158	531..	1055	664
52734	Jefferson	1878	109	616..	1585	1386
19698	Johnson	1490	185	532..	1164	540
13741	Lafayette	774	30	362..	737	550
20001	Lawrence	1517	130	877..	1188	582
24252	Lee	2374	30	1305..	1132	354
15118	Lincoln	806	21	245..	989	159
13597	LittleRiv'r	664	119	171..	960	434
26350	Logan	1825	173	1085..	1716	1151
27983	Lonoke	1696	72	489..	1385	592
16056	Madison	1402	106	1374..	1441	1542
10203	Marion	764	141	359..	705	370
19555	Miller	1081	79	458..	1038	725
30468	Mississippi	1063	147	218..	930	1172
19907	Monroe	675	73	289..	912	1022
12455	Montgom'y	957	181	415..	558	522
19344	Nevada	1080	59	348..	890	784
10612	Newton	496	85	693..	377	584
21774	Ouachita	1417	24	1071..	1156	1504
9402	Perry	660	53	237..	608	445
33585	Phillips	1347	8	441..	1194	393
12565	Pike	924	44	550..	568	602
12791	Poinsett	1287	85	471..	845	462

Population.		Donaghey	Hogan	Rowland	Bryan	Taft
17216	Polk	1271	244	400..	824	629
24527	Pope	1441	182	710..	1664	813
13863	Prairie	830	89	312..	1103	812
26751	Pulaski	3820	295	1308..	3893	3539
18367	Randolph	2019	126	543..	1348	516
19657	Saline	1286	69	205..	899	369
14302	Scott	1138	146	348..	893	480
14825	Searcy	828	268	987..	597	636
52278	Sebastian	2890	545	1175..	3035	2052
16616	Sevier	1195	345	257..	1073	521
11688	Sharp	936	72	213..	940	317
22548	St. Francis	1116	38	595..	619	755
8946	Stone	540	79	209..	496	267
20723	Union	1576	71	153..	1407	558
23509	Van Buren	1060	91	771..	797	670
33889	Washing'n	2175	180	1270..	2748	1702
18574	White	2285	395	676..	1718	886
30049	Woodruff	981	33	267..	1046	755
26323	Yell	1980	242	852..	1743	1040
	Total	101,646	9,196	39,570..	87015	56760
	Plurality	62076			30803	
	Per cent	67.57	6.11	26.32	57.22	37.29
	Tot. vote	150412			152052	

For president in 1908, Debs, Soc., had 5,842 votes; Chafin, Pro., 1,154; Watson, Peo., 1,026, and Hisgen, Ind., 289.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Clay, Craighead, Crittenden, Cross, Greene, Lee, Mississippi, Phillips, Poinsett, St. Francis and Woodruff.
   R. B. Macon, Dem. 2,803
2. Counties of Stone, Sharp, Randolph, Lawrence, Fulton, Izard, Independence, White, Cleburne, Jackson, Prairie and Monroe.
   W. A. Oldfield, Dem. 5,053
3. Counties of Washington, Benton, Madison, Carroll, Newton, Boone, Searcy, Baxter, Marion and Van Buren.
   John C. Floyd, Dem. 5,131
   R. S. Granger, Rep. 4,197
4. Counties of Crawford, Logan, Sebastian, Scott, Polk, Sevier, Howard, Pike, Little River, Miller and Montgomery.
   W. B. Cravens, Dem. 3,369
5. Counties of Franklin, Johnson, Pope, Yell, Conway, Faulkner, Perry and Pulaski.
   H. M. Jacoway, Dem. 5,505
6. Counties of Desha, Garland, Hot Springs, Saline, Dallas, Grant, Cleveland, Lincoln, Drew, Jefferson, Arkansas and Lonoke.
   J. T. Robinson, Dem. 4,701
7. Counties of Hempstead, Clark, Nevada, Columbia, Union, Ouachita, Calhoun, Bradley, Ashley, Chicot and Lafayette.
   W. S. Goodwin, Dem. 5,266

LEGISLATURE.

	Senate.	House.	J.B.
Democrats	35	94	129
Republicans	0	6	6

STATE OFFICERS.

(All democrats.)

Governor—George W. Donaghey.
Secretary of State—O. C. Ludwig.
Auditor—John R. Jobe.
Treasurer—James L. Yates.
Attorney-General—Hal L. Norwood.
Superintendent Public Instruction—George B. Cook.

CALIFORNIA (Population in 1910, 2,377,549).

Population in 1910.	COUNTIES. (58)	—GOVERNOR 1910— Rep. Johnson.	Dem. Bell.	Soc. Wilson.	Pro. Meads.
246131	Alameda	15826	9821	5713	610
309	Alpine	65	9	—	—
9086	Amador	1000	1100	40	4
27301	Butte	2892	2507	549	78
9171	Calaveras	1067	1127	187	20
7732	Co.usa	649	1313	27	6
31674	Contra Costa	2303	2319	689	43
2417	Del Norte	390	316	49	7
7492	El Dorado	810	1072	103	5
75657	Fresno	6200	5455	1185	201
7172	Glenn	585	955	35	12
33857	Humboldt	3050	1688	1324	47
13591	Imperial	1106	801	366	53
6974	Inyo	582	634	157	29
37715	Kern	2680	3410	548	31
19230	Kings	1500	1149	305	43
5526	Lake	570	744	83	29
4802	Lassen	622	437	87	5
504131	Los Angeles	30513	23051	11129	1929
8368	Madera	750	777	140	9
25114	Marin	1955	1597	335	8
3956	Mariposa	403	562	41	7
23929	Mendocino	2119	2259	338	32
15148	Merced	1212	1311	217	59
6191	Modoc	635	590	25	6
2042	Mono	230	156	28	1
24140	Monterey	2580	1839	159	98
19800	Napa	1629	2372	212	23
14955	Nevada	1398	1290	531	17
34436	Orange	3026	2695	467	259
18237	Placer	1560	1603	187	36
5259	Plumas	622	423	61	4
34696	Riverside	3026	1914	690	228
67806	Sacramento	5217	6083	994	49
8041	San Benito	915	874	74	20
56706	San Bernardino	4111	3611	1025	377
61665	San Diego	4514	2966	1870	129
416912	San Francisco	25528	24065	9476	113
50731	San Joaquin	3909	3851	851	86
19383	San Luis Obispo	2121	1285	726	31
26585	San Mateo	2389	1828	599	17
27738	Santa Barbara	2334	1995	366	43
83539	Santa Clara	7078	5416	1513	240
26140	Santa Cruz	2508	1706	991	86
18920	Shasta	1723	1606	908	16
4098	Sierra	542	385	47	2
18801	Siskiyou	1630	1910	251	19
27559	Solano	2301	2919	611	50
48394	Sonoma	3976	4178	876	76
22522	Stanislaus	1992	1798	324	297
6328	Sutter	845	746	82	12
11401	Tehama	1094	1184	211	27
3301	Trinity	848	388	100	—
35440	Tulare	3113	2877	574	71
9979	Tuolumne	1080	1179	136	20
18347	Ventura	1696	1545	192	41
13926	Yolo	1466	1804	233	38
10042	Yuba	940	1090	63	8
	Total	177555	154885	47819	5807
	Plurality	22670			
	Per cent	45.99	40.12	12.38	1.51
	Total vote	386066			

For president in 1908, Taft, Rep., received 214,398 votes; Bryan, Dem., 127,492; Hisgen, Ind., 4,278; Debs, Soc., 28,659; Chafin, Pro., 11,770.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Del Norte, Humboldt, Siskiyou, Trinity, Tehama, Shasta, Modoc, Lassen, Plumas, Sierra, Nevada, Placer, El Dorado, Amador, Calaveras, Alpine, Mono, Mariposa and Tuolumne.
   W. F. Englebright, Rep. 16,570
   John E. Baker, Dem. 16,704
   W. M. Morgan, Soc. 3,231
2. Counties of Mendocino, Glenn, Colusa, Butte, Sutter, Yuba, Sacramento, Yolo, Lake, Napa, Sonoma and Marin.
   William Kent, Rep. 25,346
   I. G. Zumwalt, Dem. 22,229
   W. H. Ferber, Soc. 2,647
3. Counties of Alameda, Contra Costa and Solano.
   Joseph R. Knowland, Rep. 34,291
   S. Miller, Soc. 6,653
4. Part of city and county of San Francisco.
   Julius Kahn, Rep. 10,188
   Walter MacArthur, Dem. 6,636
   Austin Lewis, Soc. 1,178
5. Part of city and county of San Francisco.
   Everis A. Hayes, Rep. 21,964
   Thomas E. Hayden, Dem. 10,510
   E. L. Requin, Soc. 5,539
6. Counties of Santa Cruz, Monterey, San Benito, Fresno, Kings, Madera, Merced, Stanislaus and San Joaquin.
   James C. Needham, Rep. 19,717
   A. L. Cowell, Dem. 18,408
   Richard Kirk, Soc. 2,568
7. County of Los Angeles.
   William D. Stephens, Rep. 46,435
   Lorin A. Handley, Dem. 13,340
   T. W. Williams, Soc. 10,305
   C. V. La Fontaine, Pro. 1,990

8. Counties of San Luis Obispo, Santa Barbara, Ventura, Kern, Tulare, Inyo, San Bernardino, Orange, Riverside and San Diego.

Sylvester C. Smith, Rep.....28,202
William G. Irving, Dem.....18,958
George A. Garcett, Soc.....7,302
J. S. Edwards, Pro.....1,379

LEGISLATURE.	Senate.	House.	J.B.
Republicans	31	69	100
Democrats	9	11	20

STATE OFFICERS.
(All republicans.)

Governor—Hiram W. Johnson.
Lieutenant-Governor—Albert J. Wallace.
Secretary of State—Frank C. Jordan.
Treasurer—William R. Williams.
Comptroller—A. B. Nye.
Adjutant-General—J. B. Lauck.
Attorney-General—U. S. Webb.
Superintendent of Education—E. C. Hyatt.

COLORADO (Population in 1910, 799,024).

Population in 1910.	COUNTIES (9)	GOV. 1910 Dem. Shafroth	GOV. 1910 Rep. Stephen	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Soc. Debs.	Pro. Chafin.
8892	Adams	1467	912	1301	1232	79	40
10263	Arapahoe	1257	1528	1514	1340	89	55
3302	Archuleta	366	427	506	505	49	35
2516	Baca	243	312	215	179	7	1
5043	Bent	762	853	915	819	12	57
30330	Boulder	5175	4038	4856	5772	498	498
7622	Chaffee	1433	1244	1233	1697	267	47
3687	Cheyenne	421	534	445	331	21	22
5001	Clear Creek	1064	687	872	1702	24	10
11235	Conejos	2151	1795	1736	1335	17	12
5498	Costilla	454	1231	1051	559	12	5
1947	Custer	532	494	499	555	4	5
13688	Delta	1925	1967	1838	2006	342	97
213381	Denver	28346	15689	30193	33145	1507	861
642	Dolores	116	58	69	184	44	—
3192	Douglas	639	685	779	629	7	7
2985	Eagle	625	501	521	828	43	8
5331	Elbert	755	965	973	785	70	32
43321	El Paso	4815	5064	8022	5895	426	569
18181	Fremont	2953	2695	3069	3146	210	226
10144	Garfield	1796	1503	1504	1808	100	80
4131	Gilpin	843	784	843	1185	75	28
1862	Grand	407	424	529	487	12	4
5897	Gunnison	1374	745	889	1481	117	31
646	Hinsdale	152	148	156	215	28	4
13320	Huerfano	1081	2757	3074	776	42	17
1013	Jackson	236	239	....	....	....	....
14231	Jefferson	2435	2258	2623	2583	108	86
2899	Kiowa	561	547	474	406	8	24
7483	Kit Carson	706	1148	983	752	41	41
10600	Lake	2194	1595	1918	2652	195	21
10812	La Plata	1722	1241	1381	2004	328	43
25270	Larimer	2862	3505	4489	3629	241	428
33643	Las Animas	3675	4321	5716	4212	170	40
5917	Lincoln	678	895	794	576	21	23
9549	Logan	1325	1238	1054	950	19	87
22197	Mesa	2528	3038	3049	2824	501	421
1239	Mineral	380	212	218	488	18	4
5029	Montezuma	833	521	440	948	87	22
10291	Montrose	1684	1202	1193	1461	336	93
9577	Morgan	985	1589	1672	1208	56	105
20201	Otero	3034	2602	3232	3542	178	316
3514	Ouray	883	671	539	1085	63	3
2492	Park	547	512	465	807	32	3
3179	Phillips	476	626	508	401	4	22
4568	Pitkin	834	400	551	1262	107	14
9520	Prowers	1109	1238	1430	1015	115	132
52233	Pueblo	7725	5122	7337	8092	244	259
2332	Rio Blanco	460	411	384	466	19	4
6563	Rio Grande	1141	1238	1122	1139	26	26
7561	Routt	1269	1305	1098	1403	45	26
4160	Saguache	705	768	811	817	19	6
3063	San Juan	668	483	547	774	94	5
4700	San Miguel	935	842	882	927	112	26
3061	Sedgwick	407	696	544	278	3	21
2068	Summit	529	514	366	743	30	5
14351	Teller	2728	1684	3104	4192	217	30
6002	Washington	614	649	509	524	11	14
39177	Weld	4518	4620	5537	4650	242	417
8499	Yuma	1038	1090	1061	1148	115	50
	Total	115674	97891	123700	126644	7974	5559
	Plurality	17783			2944		
	Per cent	51.26	43.6	46.88	47.99	3.02	2.11
	Total vote	224600			263877		

FOR REPRESENTATIVES IN CONGRESS, 1910.

At Large—
Edward T. Taylor, Dem.....105,700
I. N. Stevens, Rep.....101,723
1. Counties of Adams, Boulder, Denver, Jefferson, Lake, Larimer, Logan, Morgan Park, Phillips, Sedgwick, South Arapahoe, Washington, Weld and Yuma.
A. W. Rucker, Dem.....40,458
J. C. Berger, Rep.....37,966
2. Counties of Archuleta, Baca, Bent, Chaffee, Cheyenne, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Kiowa, Kit Carson, La Plata, Las Animas, Lincoln, Mesa, Mineral, Montezuma, Montrose, Otero, Ouray, Pitkin, Prowers, Pueblo, Rio Blanco, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit and Teller.
John C. Martin, Dem.....60,201
J. W. Orr, Rep.....57,006

LEGISLATURE.	Senate.	House.	J.B.
Republicans	9	24	33
Democrats	26	41	67

STATE OFFICERS.

Governor—John F. Shafroth, Dem.
Secretary of State—James B. Pierce, Dem.
Treasurer—Roody Kenehan, Dem.
Auditor—M. A. Leddy, Dem.
Attorney-General—Benjamin Griffith, Rep.
Supt. of Education—Helen M. Wixson, Rep.

CONNECTICUT (Population in 1910, 1,114,756).

Population in 1910.	COUNTIES. (8)	GOVERNOR 1910 Dem. Baldwin	Rep. Goodwin	Soc. Hunter	Pro. Ho'nth'l	S.-D Feirman
245322	Fairfield	15872	15962	3862	311	334
250182	Hartford	17081	15709	1795	607	282
70260	Litchfield	5281	5889	727	153	47
45637	Middlesex	3053	3988	385	63	27
337282	New Haven	23686	20253	4292	453	381
91253	New London	7178	6384	579	265	87
29459	Tolland	2294	2149	260	55	30
48361	Windham	2888	5294	159	119	17
	Total	77243	73528	12179	2026	1205
	Plurality	3715				
	Per cent	46.49	44.24	7.33	1.22	.72
	Total vote	166181				

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Hartford and Tolland, including cities of Hartford, New Britain and Parkville.
E. Stevens Henry, Rep.....19,367
A. Lonergan, Dem.....18,132
H. N. Beebe, Pro.....1,840
2. Counties of Middlesex and New Haven.
Thomas L. Reilly, Dem.....27,492
A. N. Shepard, Rep.....24,480
Julius A. Paecht, Pro.....3,708
3. Counties of New London and Windham.
Edwin Higgins, Rep.....10,011
Raymond J. Jodoin, Dem.....9,993
4. Counties of Fairfield and Litchfield.
Ebenezer J. Hill, Rep.....23,479
Lynn W. Wilson, Dem.....20,636
At Large—
John Q. Tilson, Rep.....79,585
George P. Ingersoll, Dem.....73,221
S. E. Beardsley, Pro.....10,304

LEGISLATURE.	Senate.	House.	J.B.
Republicans	21	163	184
Democrats	14	95	109

STATE OFFICERS.

Governor—Simeon E. Baldwin, Dem.
Secretary—Mathew H. Rogers, Rep.
Treasurer—Costello Lippitt, Rep.
Comptroller—Thomas D. Bradstreet, Rep.
Attorney-General—John H. Light, Rep.

DELAWARE (Population in 1910, 202,322).

Population in 1910.	COUNTIES (3)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Pro. Chafin.	Soc. Debs.	Ind. Hisgen
32721	Kent	4158	4095	103	—	1
123188	New Castle	14979	12964	441	240	20
46413	Sussex	5870	5013	133	—	7
	Total	25014	22071	670	289	30
	Plurality	2935				
	Per cent	52.08	45.95	1.42	.50	.05
	Total vote	48024				

FOR REPRESENTATIVES IN CONGRESS, 1910.

William H. Head, Rep.....22,410
Robert C. White, Dem.....20,281
Lewis A. Brosius, Pro.....775
Frank A. Houck, Soc.....556

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	9	22	31
Democrats	8	13	21

STATE OFFICERS.

Governor—Simeon S. Pennewill, Rep.
Lieutenant-Governor—John M. Mendinhall, Rep.
Attorney-General—Andrew C. Gray, Dem.
Insurance Commissioner—Charles H. Maull, Rep.
State Treasurer—D. O. Moore, Rep.
State Auditor—Theodore Townsend, Rep.

FLORIDA (Population in 1910, 751,139).

Population in 1910.	COUNTIES. (47)	PRESIDENT 1908 Rep. Taft	Dem. Bryan	Soc. Debs.	Peo. Wat'n	Ind. Hig'n	Pro. Chafin
34305	Alachua	686	1239	25	26	16	38
4805	Baker	104	152	51	11	11	7
14090	Bradford	180	729	19	13	2	38
4717	Brevard	225	294	50	7	2	1
7465	Calhoun	339	241	12	84	6	2
6731	Citrus	33	371	26	8	—	6
6116	Clay	122	355	22	18	3	38
17689	Columbia	279	465	61	54	10	23
11933	Dade	275	961	160	108	29	53
14200	DeSoto	244	992	112	32	13	44
75163	Duval	641	2381	233	155	52	100
36549	Escambia	718	1887	351	245	54	101
5201	Franklin	112	283	56	30	7	9
22198	Gadsden	89	563	34	34	6	12
11825	Hamilton	116	452	84	33	6	17
4997	Hernando	57	260	14	5	—	3
78374	Hillsboro	367	2703	366	69	43	146
11557	Holmes	337	438	40	32	9	8
29821	Jackson	353	1122	134	55	15	10
17210	Jefferson	149	565	23	30	4	21
6710	Lafayette	90	487	15	8	1	44
9509	Lake	200	487	62	33	6	45
6294	Lee	72	266	109	10	2	74
19427	Leon	143	698	44	39	9	25
10361	Levy	189	411	64	14	6	11
4700	Liberty	69	176	11	11	2	4
16919	Madison	32	511	23	19	3	7
9850	Manatee	93	644	104	36	4	28
26941	Marion	482	1352	120	97	19	116
21563	Monroe	227	630	239	26	13	31
10525	Nassau	92	466	20	15	12	16
19107	Orange	485	952	68	63	20	26
5507	Osceola	81	193	12	47	2	1
5577	Palm Beach	—	—	—	—	—	—
7502	Pasco	81	436	21	17	—	15
24143	Polk	290	1251	154	54	7	47
13096	Putnam	454	707	105	57	25	32
13208	St. John	544	758	146	49	23	32
4076	St. Lucie	63	280	38	14	32	7
14897	Santa Rosa	212	535	35	6	5	10
6696	Sumter	62	343	28	35	2	22
18603	Suwanee	150	597	220	55	12	19
7103	Taylor	160	250	41	48	3	12
16510	Volusia	444	736	41	12	4	28
4802	Wakulla	56	239	31	11	1	6
16460	Walton	369	504	46	34	6	13
16403	Washington	288	652	82	87	46	14
	Total	10654	31104	3747	1946	553	1356
	Plurality		20450				
	Per cent	21.58	63.02	7.59	3.94	1.12	2.75
	Total vote			49360			

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Taylor, Lafayette, Levy, Marion, Citrus, Sumter, Hernando, Pasco, Hillsboro, Polk, Manatee, DeSoto, Lee, Monroe and Lake.
   S. M. Sparkman, Dem.....10,525
   C. C. Allen, Soc.....2,346
2. Counties of Hamilton, Suwanee, Columbia, Baker, Bradford, Nassau, Duval, Clay, Putnam, St. John, Volusia, Osceola, Orange, Brevard, Dade, Alachua and St. Lucie.
   Frank Clark, Dem.....11,626
   Thomas W. Cox, Soc.....1,804
   T. C. Buddington, Soc. Dem.....1,372
3. Counties of Escambia, Santa Rosa, Walton, Holmes, Washington, Jackson, Calhoun, Franklin, Liberty, Gadsden, Leon, Wakulla, Jefferson and Madison.
   Dannitte H. Mays, Dem.....8,844
   Eric Von Axelson, Soc.....1,032

LEGISLATURE.

The members of the senate (32) and of the house of representatives (69) are all democrats.

STATE OFFICERS.

(All democrats.)

Governor—Albert W. Gilchrist.
Secretary of State—H. Clay Crawford.
Attorney-General—Park M. Trammell.
Comptroller—A. C. Croom.
Treasurer—W. V. Knott.
Supt. Public Instruction—W. M. Holloway.
Commissioner of Agriculture—B. E. McLin.

GEORGIA (Population in 1910, 2,609,121).

Population in 1910.	COUNTIES. (146)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Pro. Chafin.	Peo. Watson.	Soc. Debs.	Ind. Hisgen.
12318	Appling	250	249	—	244	—	—
7973	Baker	36	149	—	20	—	—
18354	Baldwin	201	417	8	74	—	—
11244	Banks	221	211	1	147	—	—
25388	Bartow	780	726	11	73	2	—
11863	Ben Hill	412	407	104	49	—	—
22772	Berrien	212	595	19	64	2	—
56646	Bibb	565	1946	14	51	3	—
23832	Brooks	362	472	4	103	2	3
6702	Bryan	—	—	—	—	—	—
26464	Bulloch	116	756	—	218	—	—
27268	Burke	193	519	—	70	—	—
13624	Butts	167	348	5	131	—	—
11334	Calhoun	106	272	—	33	3	—
7690	Camden	233	181	4	1	—	—
10874	Campbell	140	210	—	116	—	—
30855	Carroll	505	917	4	356	5	—
7184	Catoosa	213	317	3	4	—	—
4722	Charlton	53	124	6	2	—	—
79690	Chatham	1209	3305	18	17	7	—
5586	Chattahoochee	118	111	—	17	—	—
13608	Chattooga	716	437	9	28	10	1
16661	Cherokee	665	326	6	100	14	1
23273	Clarke	267	720	2	96	—	—
8960	Clay	161	242	2	42	—	—
10453	Clayton	223	348	11	99	—	1
8424	Clinch	157	202	1	11	—	—
28397	Cobb	548	889	18	174	—	1
21963	Coffee	382	534	2	54	6	—
19789	Colquitt	125	390	—	327	4	—
12328	Columbia	12	144	1	185	—	—
28800	Coweta	220	1032	1	19	—	—
8310	Crawford	24	285	—	32	—	—
16423	Crisp	206	452	—	36	1	—
4139	Dade	72	228	—	7	12	—
4686	Dawson	219	125	5	5	—	—
29045	Decatur	587	782	4	131	1	—
27881	DeKalb	356	740	43	218	2	2
20127	Dodge	177	544	1	44	16	—
20554	Dooly	271	507	2	87	—	—
16035	Dougherty	158	883	—	6	—	—
8953	Douglas	181	152	4	187	—	1
18122	Early	173	375	3	136	12	—
3309	Echols	13	140	—	—	—	—
9971	Effingham	89	302	1	55	—	—
24125	Elbert	103	714	18	305	—	—
25140	Emanuel	530	549	8	473	—	—
12574	Fannin	681	420	—	—	—	—
10966	Fayette	162	338	—	151	—	2
36736	Floyd	677	1204	25	138	3	—
11940	Forsyth	345	150	1	79	—	1
17894	Franklin	253	879	9	329	—	—
177733	Fulton	2906	4790	165	190	50	33
9237	Gilmer	519	360	3	4	—	—
4669	Glascock	52	63	4	264	—	—
15720	Glynn	298	467	2	12	—	—
15861	Gordon	615	476	1	97	1	—
18457	Grady	238	463	33	215	—	—
18512	Greene	428	412	25	201	—	2
28824	Gwinnett	541	677	38	392	3	—
10134	Habersham	230	364	17	77	6	—
25730	Hall	634	707	33	94	13	—
19189	Hancock	80	457	2	71	—	1
13514	Haralson	506	252	23	106	12	—
17886	Harris	94	556	1	77	—	—
16216	Hart	192	408	5	200	—	4

Population.	Taft.	Bryan.	Chafin.	Watson.	Debs.	Hisgen.
11189 Heard	5	203	—	34	—	—
19927 Henry	194	369	51	27	—	—
23609 Houston	27	855	166	—	—	—
10461 Irwin	174	388	—	30	—	—
30169 Jackson	406	735	12	323	2	1
16552 Jasper	155	557	—	28	—	—
6050 Jeff Davis	156	172	—	11	—	—
21379 Jefferson	361	373	4	—	—	—
11520 Jenkins	53	188	—	76	—	—
12897 Johnson	162	135	3	355	—	—
13103 Jones	322	385	—	28	—	—
35501 Laurens	730	957	—	594	—	3
11679 Lee	252	357	—	7	—	—
12924 Liberty	412	219	1	160	—	—
8714 Lincoln	1	157	5	249	—	—
24436 Lowndes	154	681	31	58	2	1
5444 Lumpkin	218	261	—	—	—	—
15016 Macon	196	350	3	131	—	—
16851 Madison	170	560	—	89	—	1
9147 Marion	155	217	—	89	—	—
10325 McDuffie	25	157	5	323	—	—
6442 McIntosh	161	147	—	—	—	—
25180 Meriwether	211	683	4	115	—	—
7986 Miller	23	161	—	44	—	—
7239 Milton	120	182	2	50	—	—
22114 Mitchell	196	555	1	205	—	—
20450 Monroe	162	456	—	217	—	1
19638 Montgomery	254	414	—	213	—	—
19717 Morgan	187	462	2	66	—	—
9763 Murray	539	312	—	20	38	—
38227 Muscogee	459	1509	—	10	122	2
18449 Newton	303	643	11	48	—	—
11104 Oconee	51	136	—	240	—	—
18680 Oglethorpe	67	495	—	112	—	—
14124 Paulding	630	256	3	188	—	1
9041 Pickens	731	187	4	3	—	—
10749 Pierce	150	295	—	72	—	—
19495 Pike	230	727	—	121	—	—
20203 Polk	901	492	10	74	2	1
22835 Pulaski	107	651	—	64	—	—
13876 Putnam	20	410	—	16	—	—
4594 Quitman	31	87	1	66	—	—
5562 Rabun	171	233	—	13	—	—
18841 Randolph	366	522	—	83	2	—
58886 Richmond	267	1727	—	345	109	—
8916 Rockdale	172	352	—	87	—	1
5213 Schley	173	219	2	64	—	—
20202 Screven	428	355	9	357	—	—
19741 Spalding	199	725	22	29	17	—
9728 Stephens	261	306	—	27	—	—
13437 Stewart	241	415	—	28	—	—
29092 Sumter	476	876	4	36	—	—
11696 Talbot	129	408	5	44	—	2
8766 Taliaferro	216	235	—	130	—	5
18569 Tattnall	263	534	18	432	—	—
10839 Taylor	150	253	—	163	—	—
13288 Telfair	29	613	227	—	—	—
22003 Terrell	142	528	—	53	—	—
29071 Thomas	723	765	7	308	—	—
11487 Tift	99	450	—	104	2	—
11206 Toombs	200	282	3	98	—	—
8932 Towns	291	196	—	2	—	—
26228 Troup	45	714	2	287	—	—
10075 Turner	105	276	23	137	7	—
10736 Twiggs	73	301	—	21	—	—
6918 Union	418	344	—	5	—	—
12757 Upson	145	569	—	249	—	—
18692 Walker	925	754	6	32	12	—
25393 Walton	389	727	6	225	—	1
22867 Ware	190	717	16	13	19	—
11860 Warren	166	158	4	257	—	2
28174 Washington	267	630	—	479	—	—
13069 Wayne	144	394	30	34	—	1
6151 Webster	117	114	—	26	—	—
5110 White	183	121	—	36	—	—
15934 Whitfield	775	586	6	36	60	—
13486 Wilcox	120	380	1	22	—	—
23441 Wilkes	65	557	12	216	—	—
10078 Wilkinson	55	280	1	55	—	—
19147 Worth	237	457	—	251	—	—
Total	41692	72413	1059	16969	584	77
Plurality		30668				
Per cent	31.41	54.49	.80	12.80	.44	.06
Total vote			132727			

For governor in 1910 Hoke Smith was elected by a heavy majority over Jos. M. Brown. Both ran on democratic tickets.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Bryan, Bulloch, Burke, Chatham, Effingham, Emanuel, Jenkins, Liberty, McIntosh, Screven, Tattnall and Toombs.
Charles G. Edwards, Dem.....2,019

2. Counties of Baker, Berrien, Calhoun, Clay, Colquitt, Decatur, Dougherty, Early, Grady, Miller, Mitchell, Quitman, Randolph, Terrell, Thomas, Tift, Turner and Worth.
S. A. Roddenbery, Dem.....3,179

3. Counties of Ben Hill, Crawford, Crisp, Dooly, Houston, Lee, Macon, Pulaski, Schley, Stewart, Sumter, Taylor, Twiggs, Webster and Wilcox.
Dudley M. Hughes, Dem.....2,855

4. Counties of Carroll, Chattahoochee, Coweta, Harris, Heard, Marion, Meriwether, Muscogee, Talbot and Troup.
W. C. Adamson, Dem.....2,815

5. Counties of Campbell, Clayton, DeKalb, Douglas, Fulton, Newton, Rockdale and Walton.
William S. Howard, Dem.....4,091

6. Counties of Baldwin, Bibb, Butts, Fayette, Henry, Jones, Monroe, Pike, Spalding and Upson.
Charles L. Bartlett, Dem.....3,351

7. Counties of Bartow, Catoosa, Chattooga, Cobb, Dade, Floyd, Gordon, Haralson, Murray, Paulding, Polk, Walker and Whitfield.
Gordon Lee, Dem.....7,146
Walker Aberman, Rep.....2,285

8. Counties of Clarke, Elbert, Franklin, Greene, Hart, Jasper, Madison, Morgan, Oconee, Oglethorpe, Putnam and Wilkes.
Samuel J. Tribble, Dem.....8,635
Wm. H. Howard, Dem.....6,222

9. Counties of Banks, Cherokee, Dawson, Fannin, Forsyth, Gilmer, Gwinnett, Habersham, Hall, Jackson, Lumpkin, Milton, Pickens, Rabun, Stephens, Towns, Union and White.
Thomas M. Bell, Dem.....4,285

10. Counties of Columbia, Glascock, Hancock, Jefferson, Lincoln, McDuffie, Richmond, Taliaferro, Warren, Washington and Wilkinson.
Thomas W. Hardwick, Dem.....4,331
C. E. McGregor, Ind. Dem.....1,418

11. Counties of Appling, Brooks, Camden, Charlton, Clinch, Coffee, Dodge, Echols, Glynn, Irwin, Jeff Davis, Johnson, Laurens, Lowndes, Montgomery, Pierce, Telfair, Wayne and Ware.
William G. Brantley, Dem.....3,160

The legislature consists of 44 senators and 181 representatives. All but four or five are democrats. There is no division on party lines.

STATE OFFICERS.

(All democrats.)

Governor—Hoke Smith.
Secretary—Philip Cook.
Comptroller—W. A. Wright.
Attorney-General—H. A. Hall.
Treasurer—J. P. Brown.
School Commissioner—M. L. Brittain.
Commissioner of Agriculture—T. G. Hudson.
Prison Commissioners—R. E. Davidson, Wiley Williams and C. A. Evans.

HAWAII (Population in 1910, 191,909).

DISTRICT.	DEL. 61ST CONG. Rep. Kalanianaole.	1908 Dem. McCan's.	H. Rule Notley
1. East Hawaii	718	505	295
2. West Hawaii	445	358	626
3. Maui, Molokai, Lanai, Kahoolawe	1161	503	774
4. East Oahu	1639	1096	319
5. West Oahu	1258	1017	699
6. Kaui and Niihau	482	345	176
Total	5698	3824	2889
Plurality	1874		
Per cent	45.91	30.81	23.28
Total vote		12411	

LEGISLATURE.

	Senate.	House.	J. B.
Republicans	9	21	30
Democrats	5	8	13
Home Rule	1	1	2

TERRITORIAL OFFICERS.

Governor—Walter F. Frear.
Secretary—E. A. Mott-Smith.
Attorney-General—C. R. Hemenway.
Treasurer—A. J. Campbell.
High Sheriff—William Henry.

IDAHO (Population in 1910, 325,594).

Population in 1910.	COUNTIES. (23)	—GOV., 1910— Rep. Brady.	Dem. Hawley.	Soc. Motley	—PRES. 1904— Rep. Taft.	Dem. Bryan.	Soc. Debs.
29088	Ada	4135	3944	400..	4778	3721	276
19242	Bannock	2064	2423	160..	2690	1892	133
7729	Bear Lake	1364	909	15..	1460	933	14
23306	Bingham	2166	2264	134..	3277	1750	390
8387	Blaine	899	1390	113..	1197	1248	123
5250	Boise	821	721	128..	885	862	156
13588	Bonner	1893	1195	303..	2537	1223	448
25523	Canyon	3309	2620	390..	4023	2783	279
7197	Cassia	1001	783	108..	1049	600	106
3001	Custer	298	669	69..	521	598	84
4785	Elmore	687	765	146..	662	660	194
24606	Fremont	2573	3776	237..	3920	2854	406
12384	Idaho	1441	1595	345..	2129	1833	397
22747	Kootenai	2259	2932	614..	4407	2206	1094
18818	Latah	2304	1599	268..	3101	1802	286
4786	Lemhi	786	891	144..	809	777	58
12676	Lincoln	1748	1640	238..	1310	805	262
24860	Nez Perce	2307	2717	448..	3871	2843	551
15170	Oneida	2685	1412	58..	2595	1519	99
4044	Owyhee	434	573	45..	604	650	70
13963	Shoshone	1716	2571	388..	3256	2109	512
13543	Twin Falls	1646	1808	387..	1757	1053	260

	Brady.	Hawley.	Motley.	Taft.	Bryan.	Debs.
11101 Washington	1525	1659	204..	1819	1474	197
Total	39961	40856	5342..	52657	36195	6405
Plurality		895	..	16462		
Per cent	46.38	47.42	6.20..	54.14	37.22	6.58
Total vote		86159	..		97260	

For president in 1908, Chafin, Pro., had 2,003 votes.

FOR REPRESENTATIVES IN CONGRESS, 1910.

Burton L. French, Rep. 46,401
Arthur M. Bowen, Dem. 31,832
Rolla Myer, Soc. 5,463

LEGISLATURE.	Senate.	House.	J.B.
Republicans	14	35	49
Democrats	9	24	33

STATE OFFICERS.

Governor—James H. Hawley, Dem.
Lieutenant-Governor—Louis H. Sweetser, Rep.
Secretary of State—Wilfred L. Gifford, Rep.
Auditor—Stephen D. Taylor, Rep.
Treasurer—O. V. Allen, Rep.
Attorney-General—Daniel C. McDougal, Rep.
Supt. Public Instruction—Grace M. Shepherd, Rep.
Inspector of Mines—Robert N. Bell, Rep.

ILLINOIS (Population in 1910, 5,638,591).

Population in 1910.	COUNTIES. (102)	—TREASURER 1910— Rep. Mitchell.	Dem Hartley.	Pro Kendall.	Soc. Frankel.	S. L. Larson.	—PRESIDENT 1908— Rep. Taft.	Dem. Bryan.	Pro. Chafin.	Soc. Debs.	S.L. Gilhaus.	Ind. Hisgen.	U.C. Turney.	Peo. Watson.	—PRES.1904— Rep. Roosevelt.	Dem. Parker
64588	Adams	4455	5057	193	393	55..	7233	5294	242	496	20	12	8	9..	7377	6149
22741	Alexander	2541	2208	31	67	7..	3790	2027	54	56	4	3	1	1..	3203	1696
17075	Bond	1827	1186	184	62	10..	2143	1465	289	84	10	—	—	1..	2055	1210
15481	Boone	1664	229	75	165	11..	2805	587	155	127	4	9	1	—..	3066	302
10697	Brown	430	1044	44	10	1..	947	1609	64	11	2	1	1	8..	934	1341
43975	Bureau	3601	1725	319	497	38..	5280	2871	534	424	21	41	9	6..	5624	1917
8610	Calhoun	542	869	66	7	—..	735	905	76	8	—	—	2	—..	730	815
18035	Carroll	2041	1594	70	57	5..	2875	1128	223	67	4	11	—	1..	3128	691
17372	Cass	1381	1948	66	26	4..	1878	2434	90	14	1	5	—	1..	1827	1906
51829	Champaign	5302	3246	270	50	9..	7162	4830	472	42	3	18	3	1..	6954	3754
34594	Christian	2987	3322	145	194	11..	3686	4156	324	260	8	10	1	4..	3856	3297
23517	Clark	2534	2251	101	13	4..	3158	2793	159	18	4	3	3	23..	2886	2271
18661	Clay	1961	1666	57	33	3..	2250	2152	96	42	—	—	—	3..	2408	1935
22832	Clinton	1560	2169	49	169	9..	2104	3016	61	181	12	1	3	2..	1848	2153
34517	Coles	3433	3084	118	108	19..	4388	3957	206	58	8	1	2	12..	4901	3435
2405233	Cook	144679	157607	5475	29352	954..	230400	152990	5965	18842	649	5994	178	73..	229848	103762
26281	Crawford	2445	2376	252	43	5..	3090	2890	207	42	4	6	2	11..	2296	1850
14281	Cumberland	1415	1466	60	35	3..	1739	1810	81	13	1	—	2	3..	1857	1644
33457	DeKalb	2918	767	180	146	27..	5866	1732	341	97	9	42	3	1..	5957	1137
18906	DeWitt	2260	1862	87	29	10..	2628	2155	138	15	1	3	2	1..	2771	1872
19591	Douglas	2061	1373	119	27	6..	2656	1917	192	11	4	15	1	4..	2518	1685
33432	DuPage	3047	976	357	45	16..	4530	1975	449	77	5	40	1	3..	4078	1407
27336	Edgar	3076	3654	138	57	11..	3757	3433	189	50	5	4	2	5..	3753	3443
10049	Edwards	1340	572	59	7	1..	1614	747	120	14	3	2	3	—..	1610	595
20055	Effingham	1394	2020	69	35	5..	1877	2826	91	29	3	3	—	1..	1863	2303
29075	Fayette	2690	2667	136	26	6..	3261	3193	203	31	4	1	4	3..	3235	2650
17096	Ford	1886	903	103	10	5..	2617	1164	178	10	2	16	1	2..	2836	926
25943	Franklin	2162	1960	116	243	37..	2539	2401	121	152	16	2	2	—..	2077	1801
49549	Fulton	4506	3350	223	467	24..	6077	4906	405	568	34	12	3	20..	6373	3791
14628	Gallatin	918	1397	48	56	3..	1411	1845	81	34	3	1	1	2..	1401	1540
22363	Greene	874	1939	69	65	8..	2004	3159	166	49	5	2	1	3..	1959	2649
24162	Grundy	2394	1184	65	102	12..	3127	1359	190	207	15	58	—	1..	3448	841
18227	Hamilton	1583	1942	59	32	7..	1809	2128	110	30	3	4	1	2..	1894	2049
30638	Hancock	3161	3383	180	52	11	3781	4260	226	38	3	3	1	5..	3887	3456
7015	Hardin	702	669	38	9	—..	813	680	45	9	—	—	—	1..	756	642
9724	Henderson	1325	598	61	9	2..	1547	830	102	12	—	3	1	1..	1668	708
41736	Henry	4059	1709	239	315	17..	6387	2499	478	438	21	63	1	10..	7331	1390
35543	Iroquois	3259	1594	230	42	8..	4855	2966	314	67	10	16	2	7..	5067	2376
35143	Jackson	3421	2386	130	317	22..	4016	3149	234	145	11	2	2	9..	3984	2350
18157	Jasper	1401	1768	93	12	3..	1880	2317	131	7	1	3	4	2..	1889	2024
29111	Jefferson	2753	2795	137	108	10..	3210	3577	133	83	8	2	1	23..	3063	2462
13354	Jersey	1164	1678	43	20	4..	1460	1818	71	26	5	—	—	2..	1531	1713
22657	Jo Daviess	2670	1943	91	71	7..	3132	2310	184	94	7	10	1	1..	3388	1598
14331	Johnson	1571	782	43	28	2..	1913	1055	81	20	2	1	—	—..	2164	980
91862	Kane	5848	1882	314	624	39..	12840	4316	618	311	16	155	5	6..	12638	2799
40752	Kankakee	4372	1525	203	173	14..	5999	2461	184	74	8	27	4	6..	6162	1652
10777	Kendall	1434	397	65	13	1..	1948	566	116	11	2	4	—	—..	2120	423
46159	Knox	4501	1665	204	405	38..	7084	3277	381	220	5	25	1	5..	7566	1849
55058	Lake	3635	1031	263	341	67..	6392	2264	352	237	19	100	6	9..	6635	1592
90132	LaSalle	8288	5769	274	731	86..	11159	7589	454	705	46	98	9	14..	11967	5628
22661	Lawrence	1987	2119	98	21	8..	2197	2253	192	14	2	1	—	—..	1969	1712
27750	Lee	3132	1840	149	122	8..	4255	2144	232	37	4	18	3	8..	4634	1604
40465	Livingston	4403	2788	221	50	8..	5358	3778	347	73	7	22	3	8..	6018	2785
30216	Logan	2644	2983	105	105	18..	3451	3546	172	81	8	11	2	4..	3626	3005
54186	Macon	5715	2995	245	162	29..	6643	4615	399	170	14	15	5	5..	6284	2952
50685	Macoupin	3726	4616	246	363	33..	4988	5775	340	511	25	12	4	9..	4796	4336
39847	Madison	7154	5163	290	1274	39..	9463	7812	351	814	44	6	3	10..	9009	5429
35094	Marion	2767	2831	208	513	33..	3435	4001	201	270	6	5	1	44..	3190	2490
15679	Marshall	1547	1726	78	14	2..	1893	1714	113	48	4	2	—	2..	2190	1545
17377	Mason	1277	1823	88	21	3..	1924	2264	204	24	1	3	1	3..	1798	1806
14200	Massac	1181	347	55	6	1..	2084	652	85	7	1	—	—	—..	2078	589
26887	McDonough	3235	2589	225	61	4..	3733	3112	374	84	2	4	1	2..	4041	2730

Population.		Mitchell.	Hartley.	Kendall.	Frankel.	Larson.	Taft.	Bryan.	Chafin.	Debs.	Gillhaus.	Hisgen.	Turney.	Watson.	Roosevelt.	Parker.
32509	McHenry	3074	695	111	20	2..	5331	1887	194	51	2	32	4	—..	5409	1309
68008	McLean	6548	3904	493	246	21..	8953	5982	840	197	15	22	4	10..	8772	4149
12796	Menard	1336	1521	71	13	4..	1600	1748	135	19	—	7	—	3..	1705	1506
19723	Mercer	2009	881	117	117	32..	2871	1777	231	85	9	14	1	4..	3230	1386
13508	Monroe	1660	1447	12	15	1..	1733	1512	15	9	3	1	—	—..	1622	1440
35311	Montgomery	2740	3446	198	286	19..	3782	3909	318	242	20	8	5	3..	3489	3181
34420	Morgan	3547	3947	92	67	20..	4019	3993	204	116	17	2	2	10..	4248	3343
14630	Moultrie	1505	1479	67	17	2..	1704	1695	93	19	—	1	1	5..	1719	1470
27864	Ogle	2295	641	181	34	9..	4848	1761	338	28	6	17	2	2..	5109	1209
100255	Peoria	7664	5577	289	645	120..	10828	8898	299	515	55	31	5	4..	11868	5697
22088	Perry	2030	1789	119	210	29..	2892	2482	192	67	27	2	2	6..	2451	1466
16376	Piatt	1556	873	66	41	2..	2349	1530	153	12	5	2	—	2..	2515	1334
28622	Pike	2412	3028	126	146	33..	2932	3859	257	185	7	4	1	20..	3007	3112
11215	Pope	1254	590	24	9	2..	1706	748	58	6	—	—	—	—..	1744	676
15650	Pulaski	1664	625	36	44	8..	2185	1080	56	19	—	—	—	9..	2180	792
7561	Putnam	669	334	39	26	6..	884	413	51	16	4	2	1	3..	753	355
29120	Randolph	2586	2563	108	241	13..	3045	3172	151	101	3	—	1	—..	3238	2518
15970	Richland	1466	1671	94	30	1..	1684	1938	122	67	5	—	—	—..	1778	1604
70404	Rock Island	5514	2515	220	1357	144..	8196	4739	344	1072	81	339	7	8..	8152	2156
30204	Saline	2836	2328	119	395	26..	3125	2471	124	249	8	7	2	10..	2735	1758
91024	Sangamon	8958	7266	433	794	62..	10422	9851	626	458	31	25	7	14..	10638	7571
14852	Schuyler	1307	1529	133	14	5..	1622	1876	216	18	2	—	2	9..	1636	1682
10067	Scott	999	1310	38	15	—..	1101	1376	71	20	2	—	1	4..	1163	1236
31693	Shelby	2245	2976	284	64	10..	3312	4065	380	40	—	1	3	29..	3230	2962
10098	Stark	1119	543	49	18	2..	1635	738	71	22	—	—	1	—..	1764	574
119870	St. Clair	10630	7970	221	2626	139..	12619	11342	344	1517	83	9	7	13..	11926	8200
36821	Stephenson	3809	3470	118	125	3..	4605	4076	254	84	5	10	4	3..	4876	3275
34027	Tazewell	3166	3419	152	50	22..	3767	3786	237	119	4	4	1	5..	4051	3255
21856	Union	976	1821	66	10	2..	1695	2690	127	12	1	—	—	4..	1537	1967
77996	Vermilion	7990	3530	506	406	54 .	11726	6320	825	385	14	48	8	19..	11179	3620
14913	Wabash	1327	1487	82	24	4..	1511	1814	158	22	1	1	2	—..	1298	1300
23313	Warren	2550	1945	158	134	13..	3283	2327	257	175	13	5	4	2..	3563	1559
18759	Washington	2172	1379	93	83	13..	2355	1830	111	64	8	1	2	1..	2374	1504
25697	Wayne	2706	2327	124	45	2..	2946	2791	160	26	4	1	—	12..	3078	2416
23052	White	2125	2398	104	64	11..	2436	2934	147	61	6	4	5	7..	2515	2774
34507	Whiteside	3122	1082	204	46	14..	5257	2140	498	64	7	26	2	3..	5636	1546
84371	Will	7511	4736	259	272	33..	10358	5693	316	425	13	88	4	4..	10001	3191
45098	Williamson	3487	2361	158	632	64..	4786	3513	272	484	32	3	3	—..	4044	1996
63153	Winnebago	3810	562	262	1152	154..	8919	2163	531	747	35	67	1	4..	8143	1177
20606	Woodford	1963	2054	88	34	4..	2204	2156	203	54	3	9	3	5..	2371	1908
	Total	436484	376046	20113	49687	2943	629932	450810	29364	34711	1680	7724	400	633..	632645	327606
	Plurality	60438					179122								305039	
	Per cent	49.34	42.50	2.28	5.55	.33	54.53	39.02	2.53	3.00	.15	.68	.04	.05	58.71	30.43
	Total vote			884773						1155254					1076499	

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. First and 2d wards, that part of the 3d ward east of Stewart avenue, that part of the 4th ward east of Halsted street and that part of the 6th ward north of 43d street, all in Chicago.

Martin B. Madden, Rep.....14,920
Michael E. Maher, Dem.....13,466
H. E. Eckles, Pro.....293
Joseph H. Greer, Soc.....1,165

2. That part of the 6th ward south of 43d street and the 7th, 8th and 33d wards of Chicago.

James R. Mann, Rep.....20,128
John Charles Vaughan, Dem.....18,717
J. O. Bentall, Soc.....2,711

3. The towns of Lemont, Palos, Worth, Orland, Bremen, Thornton, Rich, Bloom and Calumet, in Cook county, that part of the 29th ward south of 51st street, that part of the 30th ward south of 51st street and the 31st and 32d wards of Chicago.

William Warfield Wilson, Rep.....16,661
Fred J. Crowley, Dem.....16,604
Charles G. Kindred, Pro.....885
J. Clifford Cox, Soc.....2,920

4. That part of the 3d ward west of Stewart avenue, that part of the 4th ward west of Halsted street, the 5th ward, that part of the 11th ward south of 22d street, that part of the 12th ward south of 22d street, that part of the 29th ward north of 51st street and that part of the 30th ward north of 51st street, all in Chicago.

Michael G. Walsh, Rep.....7,028
James T. McDermott, Dem.....15,764
Franklin J. Reed, Pro.....259
Peter Bolthouse, Soc.....1,994

5. The 9th and 10th wards, that part of the 11th ward north of 22d street and that part of the 12th ward north of 22d street, in Chicago.

Louis H. Clusmann, Rep.....3,533
Adolph J. Sabath, Dem.....13,936
George H. VanDyke, Pro.....207
Joseph J. Kral, Soc.....1,775

6. The towns of Proviso, Cicero, Oak Park, Berwyn, Riverside, Stickney and Lyons, in Cook county; the 13th, 20th and 34th wards and that part of the 35th ward south of the Chicago & Northwestern railway right of way, in Chicago.

William J. Moxley, Rep.....17,178
Edmund J. Stack, Dem.....22,951
Joseph P. Ellacott, Pro.....1,257
George Chant, Soc.....3,551

7. The towns of Hanover, Schaumburg, Elk Grove, Maine, Leyden, Barrington, Palatine, Wheeling and Norwood Park, in Cook county; the 14th ward, that part of the 15th ward west of Robey street, the 27th and 28th wards and that part of the 35th ward north of the Chicago & Northwestern railway right of way, in Chicago.

Frederick Lundin, Rep.....21,096
Frank Buchanan, Dem.....22,520
J. F. Gieske, Pro.....1,065
John Collins, Soc.....7,016

8. That part of the 15th ward east of Robey street and the 16th, 17th, 18th and 19th wards of Chicago.

Daniel D. Coffey, Rep.....7,995
Thomas Gallagher, Dem.....14,281
J. W. Cronker, Pro.....174
John Drexler, Soc.....1,903

9. The 21st and 22d wards, that part of the 23d ward east of Halsted street and that part of the 25th ward south of Graceland avenue, in Chicago.

Frederick H. Gansbergen, Rep.....12,991
Lyrden Evans, Dem.....13,501
John R. Boynton, Pro.....404
Frank Shiffersmith, Soc.....2,650

10. That part of the 23d ward west of Halsted street, the 24th ward, that part of the 25th ward north of Graceland avenue and the 26th ward, in Chicago; also the towns of Evanston, Niles, New Trier and Northfield, in county of Cook, and Lake county.

George Edmund Foss, Rep.....20,130

Richard J. Finnegan, Dem.....17,641
Charles O. Boring, Pro..... 1,185
Robert C. Magisen, Soc..... 3,360

11. Counties of DuPage, Kane, McHenry and Will.
Ira C. Copley, Rep.....17,899
Frank O. Hawley, Dem.....11,276
Jonas G. Brooks, Pro..... 1,106
James H. Brewer, Soc..... 1,047

12. Counties of Boone, DeKalb, Grundy, Kendall, LaSalle and Winnebago.
Charles E. Fuller, Rep.....20,665
J. W. Rausch, Dem..... 9,185
Frederick M. Farmiloe, Pro..... 1,054
Thomas Johnson, Soc..... 2,257

13. Counties of Carroll, Jo Daviess, Lee, Ogle, Stephenson and Whiteside.
John C. McKenzie, Rep.....17,249
O. H. Wright, Dem..... 9,752
L. B. Markel, Pro..... 689
Edward L. Rubendall, Soc..... 456

14. Counties of Hancock, Henderson, McDonough, Mercer, Rock Island and Warren.
James McKinney, Rep.....17,004
Clyde H. Tavenner, Dem.....12,980
Samuel S. Chapman, Pro..... 852
Milton L. Morrill, Soc..... 1,658

15. Counties of Adams, Fulton, Henry, Knox and Schuyler.
George W. Prince, Rep.....16,753
Albert E. Bergland, Dem.....16,487
Paul D. Ransom, Pro..... 500
John C. Sjodin, Soc..... 1,501

16. Counties of Bureau, Marshall, Peoria, Putnam, Stark and Tazewell.
Joseph Y. Graff, Rep.....15,024
Claude U. Stone, Dem.....17,633
Charles C. Edwards, Pro..... 686
John Panier, Soc..... 1,162

17. Counties of Ford, Livingston, Logan, McLean and Woodford.
John A. Sterling, Rep.....16,601
Louis FitzHenry, Dem.....14,215
Robert Means, Pro..... 817
J. F. Sanders, Soc..... 272

18. Counties of Clark, Cumberland, Edgar, Iroquois, Kankakee and Vermilion.
Joseph G. Cannon, Rep.....20,943
William L. Cundiff, Dem.....16,186
George W. Woolsey, Pro..... 1,664
H. M. Brooks, Soc..... 725

19. Counties of Champaign, Coles, DeWitt, Douglas, Macon, Moultrie, Shelby and Piatt.
William B. McKinley, Rep.....23,107
I. J. Martin, Dem.....19,259
Thomas C. Eller, Pro..... 1,073
J. W. Easley, Soc..... 459

20. Counties of Brown, Calhoun, Cass, Greene, Jersey, Mason, Menard, Morgan, Pike and Scott.
James H. Danskin, Rep.....12,961
Henry T. Rainey, Dem.....20,194
Charles Temple, Pro..... 550
Jesse Morgan, Soc..... 380

21. Counties of Christian, Macoupin, Montgomery and Sangamon.
H. Clay Wilson, Rep.....17,318
James M. Graham, Dem.....19,886
Edmund Miller, Pro..... 889
Herman Rahm, Soc..... 1,599

22. Counties of Bond, Madison, Monroe, St. Clair and Washington.
William A. Rodenberg, Rep.....23,024
Bruce A. Campbell, Dem.....18,987
A. J. Meek, Pro..... 654
Henry Groeteke, Soc..... 3,826

23. Counties of Clinton, Crawford, Effingham, Fayette, Jasper, Jefferson, Lawrence, Marion, Richland and Wabash.
J. H. Loy, Rep.....18,230
Martin D. Foster, Dem.....23,535
D. R. Bebout, Pro..... 1,096
Rikus A. Jeths, Soc..... 981

24. Counties of Clay, Edwards, Gallatin, Hamilton, Hardin, Johnson, Massac, Pope, Saline, Wayne and White.
Pleasant T. Chapman, Rep.....16,918
H. Robert Fowler, Dem.....17,235
T. J. Scott, Pro..... 630
M. S. Dickerson, Soc..... 521

25. Counties of Alexander, Franklin, Jackson, Perry, Pulaski, Randolph, Union and Williamson.
N. B. Thistlewood, Rep.....18,233
William D. Lyerle, Dem.....16,442
J. H. Davis, Pro..... 675
Daniel Boone, Soc..... 1,815

FOR SUPERINTENDENT OF PUBLIC INSTRUCTION.

Francis G. Blair, Rep.....420,332
Conrad M. Bardwell, Dem.....370,874
Eldon G. Burritt, Pro..... 18,464
J. C. Kennedy, Soc..... 49,126
Albert Lingenfelter, Soc. Lab..... 2,753

FOR TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

Mary E. Busey, Rep.....415,095
Otis W. Hoit, Rep.....399,892
William L. Abbott, Rep.....411,009
Alexander L. White, Dem.....374,082
John J. McGlynn, Dem.....364,118
George T. Page, Dem.....373,181
L. Belle Goodman, Pro..... 21,605
Ella S. Stewart, Pro..... 21,592
George W. Hootman, Pro..... 20,150
Mary O'Reilley, Soc..... 48,896
Marian Anderson, Soc..... 48,448
Annie T. Howe, Soc..... 48,280
Regina Beebe, Soc. Lab..... 2,566
Marie Mahlberg, Soc. Lab..... 2,455
Olie Lingenfelter, Soc. Lab..... 2,469

QUESTIONS OF PUBLIC POLICY.

No. 1—Shall the next general assembly submit to the voters of the state of Illinois, at the next following state election, an amendment to the state constitution, providing for the control of legislation by the people, by means of the initiative and referendum, said amendment to provide for the initiation of legislation upon a petition of 8 per cent of the voters, and for the reference of legislation upon a petition of 5 per cent of the voters, the action of the majority of the electors voting to be final?
Yes.....447,908
No.....128,398

No. 2—Shall the next general assembly extend the merit system by the enactment of a comprehensive and adequate state civil service law?
Yes.....411,676
No.....121,132

No. 3—Shall the next general assembly enact a corrupt practices act, limiting the amount a candidate and his supporters may spend in seeking office, and providing for an itemized statement under oath showing all expenditures so made, for what purpose made and from what source or sources received?
Yes.....422,437
No.....122,689

VOTE FOR GOVERNOR IN 1908.

Charles S. Deneen, Rep.....550,076
Adlai E. Stevenson, Dem.....526,912
Daniel R. Sheen, Pro..... 33,922
James H. Brower, Soc..... 31,293
Gustav A. Jennings, Soc. Lab..... 1,526
George W. McCaskrin, Ind..... 10,883

INDIANA (Population in 1910, 2,700,876).

Population in 1910	COUNTIES. (92)	PRESIDENT 1908 Dem. Bryan.	Rep. Taft.	Pro. Chafin	S.L. Gilhaus.	Soc. Debs.	Peo. Wats'n	Ind. Hisgen.	SECRETARY OF STATE 1906 Dem. Cox.	Rep. Sims.	Pro. Crim.	Peo. Clark.	Soc. Swe'ti'd.	S. L. Bernine
21840	Adams	3401	1726	141	—	13	5	—..	2626	1422	137	6	5	2
93386	Allen	12145	9468	340	14	494	11	41..	9469	7974	337	15	396	71
24813	Bartholomew	3637	3306	151	3	59	7	4..	3005	3139	139	7	84	8

Population.	Bryan.	Taft.	Chafin.	Gillhaus.	Debs.	Wats'n	Hisgen.	Cox.	Sims.	Crim.	Clark.	Swe'tl'd.	Bernine
12988 Benton	1566	1936	103	—	15	—	—..	1409	1721	135	2	3	—
15820 Blackford	2214	1835	166	1	42	—	—..	1899	1712	184	4	34	2
24673 Boone	3525	3471	166	1	11	17	7..	3204	3138	262	37	14	6
7975 Brown	1177	663	68	—	5	3	—..	899	573	74	5	5	3
17970 Carroll	2590	2546	152	2	68	6	1.	2299	2456	195	4	34	3
36368 Cass	5234	4700	349	8	38	15	2..	4337	4333	370	23	22	17
30260 Clark	4085	3706	82	8	68	9	1..	3326	3080	92	5	46	
32535 Clay	4204	3766	110	8	499	11	3..	3430	3289	135	20	172	41
26674 Clinton	3680	3626	281	1	78	13	3..	2828	3567	316	10	47	11
12057 Crawford	1539	1403	126	1	82	2	—..	1427	1276	224	3	16	3
27747 Daviess	3253	3424	134	9	204	53	—..	2768	3350	155	69	99	26
21396 Dearborn	3305	2520	94	1	41	3	3..	2309	1854	102	1	20	4
18798 Decatur	2564	2838	159	1	39	6	—..	1982	2622	178	3	33	3
25054 Dekalb	3684	2991	387	2	63	5	20 .	2787	2752	317	12	69	12
51414 Delaware	5725	7014	475	19	316	120	7..	3815	6264	424	31	107	23
19843 Dubois	3344	1397	36	—	58	2	1..	2666	1363	48	5	4	2
49008 Elkhart	5697	6245	596	8	400	3	10..	3781	5069	628	3	315	72
14415 Fayette	1700	2394	114	1	81	1	2..	1277	2007	111	2	90	15
30236 Floyd	4064	3431	94	4	226	4	2..	3121	2983	123	7	158	26
20439 Fountain	2846	2894	122	2	45	8	1..	2474	2660	163	14	35	5
15335 Franklin	2616	1670	74	1	7	—	—..	2205	1474	77	—	11	1
16879 Fulton	2350	2426	125	—	13	1	2..	2108	2287	179	2	22	2
30137 Gibson	3656	3753	241	5	86	5	1..	2900	3343	250	—	46	—
51426 Grant	5819	7181	1140	32	339	11	9..	4591	5710	1193	12	167	49
36873 Greene	4172	4145	84	23	930	29	2..	3492	4087	89	28	377	61
27026 Hamilton	2947	4421	495	—	24	1	—..	1833	3502	529	5	27	8
19030 Hancock	3040	2472	146	—	22	2	1..	2656	2230	193	4	13	13
20232 Harrison	2646	2419	100	2	67	3	2..	2084	2214	193	6	31	—
20840 Hendricks	2571	3231	146	2	—	2	1..	1817	2781	185	1	6	2
29758 Henry	3197	4358	332	3	61	22	5..	1824	3371	308	35	31	7
33177 Howard	3497	4423	550	9	255	5	2..	2074	3410	575	12	211	42
28982 Huntington	3712	3976	405	8	241	3	2..	3265	3715	491	7	198	25
24727 Jackson	3783	2631	140	3	30	1	1..	2703	1984	137	6	12	6
13044 Jasper	1495	1939	70	—	7	1	1..	991	1427	94	3	4	5
24961 Jay	3370	3256	426	3	53	7	2..	3053	3090	488	6	16	1
20483 Jefferson	2708	2995	176	5	97	2	—..	1997	2657	212	2	44	11
14203 Jennings	1871	2100	101	2	21	4	—..	1528	1866	86	7	8	3
20394 Johnson	3268	2519	193	1	9	2	—..	2598	2177	283	9	8	2
39183 Knox	5116	4247	199	17	375	27	4..	4015	3581	334	36	120	4
27936 Kosciusko	3362	4377	233	11	54	1	1..	3042	3646	235	6	13	13
15148 Lagrange	1414	2357	133	—	10	2	4..	835	1881	183	3	13	—
82864 Lake	5502	9499	125	28	303	8	114..	3514	4505	111	16	156	61
45797 Laporte	5690	5824	126	3	103	1	23..	4619	4569	156	7	74	8
30625 Lawrence	3118	3884	93	4	119	3	3..	2340	3180	92	7	74	8
65224 Madison	8296	7481	497	26	894	5	5..	6020	6483	623	24	692	53
263661 Marion	34078	34351	889	116	1075	75	46..	22923	28185	1076	103	751	268
24175 Marshall	3287	2947	199	5	55	5	6..	2877	2476	244	11	80	10
12950 Martin	1733	1667	84	—	11	3	—..	1552	1559	43	7	2	—
28350 Miami	4176	3820	233	11	187	12	1..	3420	3456	284	21	112	29
23426 Monroe	2780	3051	77	—	14	4	—..	2316	2609	81	7	12	3
29296 Montgomery	4227	4427	195	3	44	18	5..	3628	3883	428	14	31	5
21182 Morgan	2789	3074	121	—	44	1	1..	2371	2854	194	5	28	7
10504 Newton	1190	1645	65	—	8	2	3..	988	1411	74	3	6	4
24009 Noble	3249	3507	120	1	29	3	5..	2807	3140	132	5	18	2
4329 Ohio	622	619	16	—	3	—	—..	634	570	29	—	6	1
17192 Orange	1961	2433	70	2	44	2	—..	1595	2111	99	3	18	3
14053 Owen	3023	1726	61	3	51	10	2..	1655	1546	104	8	33	5
22214 Parke	2707	3026	315	5	204	1	1..	1933	2696	468	6	68	13
18078 Perry	2356	1903	34	—	67	—	3..	2114	1856	31	1	22	3
19684 Pike	2360	2359	59	5	151	4	9..	2132	2230	79	11	36	7
20540 Porter	1789	2940	78	5	59	3	36..	1121	2247	74	4	45	5
21670 Posey	3084	2444	147	3	69	5	—..	2620	2318	184	14	42	7
13312 Pulaski	1832	1561	110	2	14	11	2..	1586	1448	146	8	12	—
20520 Putnam	3131	2626	121	1	36	8	3..	2704	2208	147	14	28	1
28013 Randolph	3930	4792	380	2	87	6	1..	1931	3967	417	7	62	7
19452 Ripley	2749	2603	86	5	76	2	2..	2350	2476	107	8	44	6
19849 Rush	2544	3102	191	3	13	4	—..	2271	2690	222	2	18	2
8323 Scott	1243	979	51	—	3	3	—..	1045	868	45	2	—	—
28802 Shelby	4035	3529	252	2	95	9	1..	3644	3163	328	7	27	5
20616 Spencer	2662	2930	61	2	18	3	—..	2352	2648	86	4	14	5
10567 Starke	1305	1521	43	2	39	4	1..	1068	1271	39	2	30	5
84812 St. Joseph	8562	11222	272	15	705	10	27..	7500	8835	262	—	236	—
14274 Steuben	1453	2704	182	2	13	5	2.	1142	2156	179	8	17	4
32439 Sullivan	4657	2942	225	16	398	7	3..	3357	2707	301	13	99	27
9914 Switzerland	1537	1444	58	1	14	1	—..	1468	1281	62	3	12	2
40063 Tippecanoe	4984	6164	289	3	65	8	26..	3928	5123	268	6	68	23
17459 Tipton	2556	2395	183	1	13	7	1..	2137	2323	265	10	11	2
6260 Union	808	1066	73	—	18	—	—..	686	984	65	—	14	—
77438 Vanderburg	8033	9116	135	90	1034	21	14..	5906	7837	124	32	633	92
18865 Vermilion	1844	2568	217	8	407	5	3..	1289	2131	183	5	225	18
87960 Vigo	10685	10223	257	23	690	456	8..	7104	7576	259	14	284	86
26926 Wabash	3116	4091	337	5	87	3	1..	2649	3305	362	5	97	13
10899 Warren	1045	2092	70	—	3	4	—..	786	1775	90	2	1	3
21911 Warrick	2782	2839	138	7	101	1	1..	2423	2339	175	7	81	15
17445 Washington	2573	1976	74	—	12	6	—..	2189	1769	75	6	5	3
43757 Wayne	4503	6731	179	7	308	2	8..	2689	4812	229	2	281	52
22418 Wells	3345	2185	482	3	65	3	—..	2860	2014	433	11	48	3
17602 White	2326	2423	144	1	19	6	—..	1945	2255	218	5	13	3
16892 Whitley	2493	2302	134	1	13	—	—..	2200	2193	135	3	9	3
Total	338262	348993	18045	643	13476	1198	514..	263526	294351	20785	972	7824	1556
Plurality		10731					..		30825				
Per cent	46.91	48.39	2.50	.10	1.87	.16	.07..	44.72	49.95	3.53	.18	.28	1.33
Total vote			721126				..			588844			

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Gibson, Pike, Posey, Spencer, Vanderburg and Warrick.
J. W. Boehne, Dem.....22,420
Frank B. Posey, Rep.....18,606

2. The counties of Daviess, Greene, Knox, Lawrence, Martin, Monroe, Owen and Sullivan.
W. A. Cullop, Dem.....22,960
Oscar E. Bland, Rep.....21,419

3. The counties of Clark, Crawford, Dubois, Floyd, Harrison, Perry, Orange, Scott and Washington.
W. E. Cox, Dem.....21,670
J. H. Camman, Rep.....14,969

4. The counties of Bartholomew, Brown, Dearborn, Jackson, Jefferson, Jennings, Johnson, Ohio, Ripley and Switzerland.
Lincoln Dixon, Dem.....22,001
Harry Foindexter, Rep.....17,721

5. The counties of Clay, Hendricks, Morgan, Parke, Putnam, Vermilion and Vigo.
Ralph W. Moss, Dem.....25,917
Frank J. Tilley, Rep.....21,267

6. The counties of Decatur, Fayette, Franklin, Hancock, Henry, Rush, Shelby, Union and Wayne.
Finley Gray, Dem.....23,740
William O. Barnard, Rep.....22,248

7. The county of Marion.
C. A. Korbly, Dem.....30,330
Linton A. Cox, Rep.....26,968

8. The counties of Adams, Delaware, Jay, Madison, Randolph and Wells.
J. A. M. Adair, Dem.....25,455
Rollin Warner, Rep.....19,309

9. The counties of Boone, Carroll, Clinton, Fountain, Hamilton, Howard, Montgomery and Tipton.
Martin A. Morrison, Dem.....24,434
Edward E. Neal, Rep.....23,841

10. The counties of Benton, Jasper, Lake, Laporte, Newton, Porter, Tippecanoe, Warren and White.
E. D. Crumpacker, Rep.....27,772
John B. Peterson, Dem.....25,742

11. The counties of Blackford, Cass, Grant, Huntington, Miami and Wabash.
G. W. Rauch, Dem.....22,528
John L. Thompson, Rep.....21,282

12. The counties of Allen, Dekalb, Lagrange, Noble, Steuben and Whitley.
Cyrus Cline, Dem.....19,754
Owen N. Heaton, Rep.....17,937

13. The counties of Elkhart, Fulton, Kosciusko, Marshall, Pulaski, St. Joseph and Starke.
H. A. Barnhart, Dem.....25,253
John L. Moorman, Rep.....24,153

LEGISLATURE.	Senate.	House.	J.B.
Republicans	20	40	60
Democrats	30	60	90

STATE OFFICERS.

Governor—Thomas R. Marshall, Dem.
Lieutenant-Governor—Frank J. Hall, Dem.
Secretary of State—Fred A. Sims, Rep.
Auditor—J. C. Billheimer, Rep.
Treasurer—Oscar Hadley, Rep.
Attorney-General—James Bingham, Rep.
Reporter Supreme Court—George W. Self, Rep.
Statistician—John Lewis Peetz, Rep.
Supt. Public Instruction—Robert J. Aley, Dem.

IOWA (Population in 1910, 2,224,771).

COUNTIES. Population in 1910. (99)	GOVERNOR 1910 Rep. Carroll	Dem. Porter	Pro. Mac	Soc. Eachron	PRESIDENT 1908 Rep. Taft	Dem. Bryan	Pro. Chafin	Soc. Debs	Peo. Watson	Ind. Hisgen	GOVERNOR 1906 Rep. Cummins	Dem. Porter	Soc. Shank	Pro. Coffin	Peo. Norman	S.G. Hisey
14420 Adair	1738	1279	40	18..	2185	1322	45	24	2	1 .	1525	1351	35	75	6	1
10998 Adams	1374	1262	43	16..	1595	1325	57	30	1	—..	1153	1614	49	71	3	3
17328 Allamakee	2176	1684	35	15..	2521	1725	60	7	—	4..	2215	1863	30	9	2	—
28701 Appanoose	2386	2532	74	169..	3161	2167	80	322	13	4..	1860	3344	201	36	5	2
12671 Audubon	1392	989	26	11..	1701	1050	33	9	1	1..	1431	1093	8	25	—	1
23156 Benton	2303	2337	69	176..	3180	2418	76	94	2	3..	2423	2080	58	99	4	6
44865 Black Hawk	3746	3148	485	217..	5437	3127	298	244	7	4..	3328	3709	245	263	8	2
27626 Boone	2411	1754	171	267..	3368	1958	151	350	4	5..	2723	1495	279	189	6	1
15843 Bremer	1407	1934	58	19..	1656	1925	56	14	1	4..	1563	2070	18	46	1	—
19748 Buchanan	2112	1764	165	19..	2552	1889	118	16	2	—..	2249	2096	27	126	—	4
15981 Buena Vista	1680	838	89	37..	2357	1054	86	66	—	1..	1778	781	55	67	1	2
17119 Butler	1785	968	109	14..	2467	994	79	15	—	4..	1941	1198	14	111	4	—
17090 Calhoun	1675	1172	127	39..	2353	1152	152	64	7	5..	1576	1212	58	230	4	2
20117 Carroll	1259	2491	69	15..	1865	2510	58	12	—	3..	1750	2582	24	43	4	3
19047 Cass	2259	1589	77	42..	2799	1655	47	64	6	3..	2067	1678	60	106	7	2
17765 Cedar	1973	1979	63	19..	2455	1986	67	22	1	1..	2031	2145	28	93	2	14
25011 Cerro Gordo	2081	1364	117	78..	2690	1520	98	60	—	—..	1985	866	22	62	1	2
16741 Cherokee	1332	1009	78	33..	2300	1084	68	24	1	4..	1932	1116	22	81	1	4
15375 Chickasaw	1431	1864	15	23..	1571	1877	35	15	1	2..	1680	1938	29	18	1	1
10736 Clarke	1356	1004	46	9..	1624	1134	37	3	1	1..	1198	1273	17	68	2	2
12766 Clay	1498	718	39	14..	1921	778	41	16	1	—..	1426	617	23	54	2	—
25576 Clayton	2152	2806	51	65..	2773	3026	61	30	2	3..	2790	2714	57	64	1	1
45394 Clinton	3402	4642	43	153..	4836	4821	80	191	2	4..	4184	4229	206	48	—	9
20041 Crawford	1611	2496	61	23..	2169	2522	69	22	3	5..	1752	2451	39	70	4	—
23628 Dallas	2526	1470	190	73..	3132	1571	142	73	2	—..	2068	1221	73	209	2	2
13315 Davis	1529	1527	20	21..	1484	1749	40	20	4	2..	1048	2122	19	37	7	3
16347 Decatur	1889	1672	53	44..	2149	1809	56	58	17	2..	1607	2001	92	74	8	6
17888 Delaware	1948	1398	48	55..	2396	1471	65	36	1	1..	1726	1812	28	56	1	1
36145 Des Moines	2761	3798	94	372..	4153	3975	103	233	2	23..	3318	4147	172	85	4	—
8137 Dickinson	1006	512	25	31..	1109	503	26	25	2	1..	900	495	19	30	1	2
57450 Dubuque	2240	6616	53	400..	4708	6645	53	427	1	21..	4274	5716	350	52	3	6
9816 Emmet	1296	459	25	42..	1401	522	24	38	—	—..	1337	492	14	32	—	—
27919 Fayette	2725	2208	108	112..	3369	2281	179	86	1	12..	3090	2231	152	114	4	1
17119 Floyd	1716	890	80	63..	2462	1250	48	15	1	4..	2072	947	21	56	—	2
14780 Franklin	1340	841	57	13..	2154	737	50	5	—	4..	1763	684	7	43	—	—
15623 Fremont	1680	1677	55	40..	1949	1979	59	21	—	—..	1453	2118	28	50	3	2
16023 Greene	1770	1011	77	13..	2574	1152	84	16	—	—..	1645	1402	14	124	1	1
13574 Grundy	1322	1276	67	2..	1861	1105	45	1	—	1..	1665	972	7	60	3	5
17374 Guthrie	2047	1440	101	15..	2560	1582	60	11	3	1..	2002	1523	33	75	6	1
19242 Hamilton	1584	992	148	32..	2765	1145	109	34	—	3..	2358	825	29	81	2	3
12731 Hancock	1221	681	43	4..	1750	804	49	3	—	—..	1521	805	11	51	—	5
20921 Hardin	1612	1371	213	24..	3123	1187	146	19	—	2..	2625	960	20	130	2	3
23162 Harrison	2409	2013	86	119..	2914	2425	111	108	1	2..	2196	2410	126	115	3	1
18640 Henry	2044	1461	81	18..	2853	1606	82	11	1	3..	1559	2239	22	111	6	2
12920 Howard	1311	1266	50	66..	1530	1408	57	55	1	3..	1569	1301	55	53	1	1

Population.	Carroll	Porter	M'Eachron	Work	Taft.	Bryan.	Chafin.	Debs.	Watson.	Hisgen.	Cummins	Porter	Shank	Coffin	Norman	Hisey.
12182 Humboldt	1307	613	64	20	1818	587	54	9	—	—	1470	519	13	43	3	—
11296 Ida	1214	1169	9	8	1367	1181	19	13	—	—	1317	1108	24	26	—	2
18409 Iowa	1712	2089	69	26	2230	1907	83	19	—	2	1699	2208	43	118	5	7
21258 Jackson	2032	2331	26	117	2542	2545	85	109	1	8	2251	2685	104	31	3	3
27034 Jasper	2607	2460	172	207	3543	2889	152	91	2	4	2350	3406	96	151	4	2
15951 Jefferson	1819	1309	136	44	2271	1439	166	17	2	1	1197	2206	31	174	5	2
25914 Johnson	2200	3014	74	46	2758	3314	50	14	9	6	2134	3399	—	64	1	10
19050 Jones	2032	2025	72	31	2453	2176	52	23	2	1	1867	2261	32	81	1	—
21160 Keokuk	2525	2376	166	44	2728	2459	151	40	—	2	2298	2726	47	154	4	1
21971 Kossuth	1831	1715	45	14	2612	1826	35	9	—	—	2587	1676	9	33	3	4
36702 Lee	3121	4227	78	150	4262	4706	73	86	6	11	3251	4649	116	61	4	6
60720 Linn	4420	4439	191	191	6688	5498	213	121	2	28	4765	4991	279	276	7	13
12855 Louisa	1709	872	42	36	2025	978	46	19	—	4	1551	1084	27	63	1	—
13462 Lucas	1504	1012	119	58	1757	1267	109	35	2	1	1542	1298	50	80	3	1
14624 Lyon	1362	1198	31	62	1650	1064	29	56	—	1	1408	1055	67	30	—	—
15621 Madison	1979	1249	108	68	2425	1404	182	56	6	—	1755	1784	72	182	6	6
29860 Mahaska	3240	2712	379	157	3326	3035	395	92	5	3	3167	2727	278	110	8	9
22895 Marion	2279	2323	126	298	2625	2739	160	154	5	9	2076	2964	158	159	5	9
30279 Marshall	1917	2266	332	236	3387	1941	309	195	2	3	3062	1177	276	342	5	8
15811 Mills	1664	1337	58	20	1959	1422	55	17	2	6	1739	1539	32	106	4	1
13435 Mitchell	1489	856	34	38	1932	988	36	9	2	1	1648	631	26	66	—	—
16633 Monona	1758	1490	54	25	1977	1732	85	15	1	—	1544	1673	35	68	6	3
25429 Monroe	2403	1693	73	458	2686	1979	112	418	7	5	2421	1920	430	113	22	6
16604 Montgomery	2080	1070	54	77	2553	1282	74	49	1	3	1941	1155	49	109	—	2
29505 Muscatine	2867	3112	56	640	3525	3038	85	475	2	6	3016	2829	318	57	2	3
17262 O'Brien	1650	1512	59	40	1912	1326	36	36	—	4	1815	1126	41	26	—	1
8956 Osceola	853	762	16	18	1000	777	18	11	1	—	874	843	16	19	2	—
24002 Page	2640	1377	154	117	3141	1726	196	101	—	5	1739	1999	70	208	9	1
13845 Palo Alto	1347	1260	43	71	1639	1340	59	61	4	—	1617	1192	65	23	2	5
23129 Plymouth	2008	2122	66	33	2622	2168	99	39	1	1	2137	1993	40	54	4	—
14808 Pocahontas	1436	1177	46	55	1857	1315	35	22	3	2	1813	1147	48	48	2	4
110438 Polk	6877	7414	975	739	12555	7924	527	701	24	9	8484	5533	658	396	12	22
55832 Pottawattamie	4840	4755	122	246	6137	5520	169	162	5	2	5470	3974	153	133	3	3
19589 Poweshiek	2298	1535	168	54	2794	1661	184	33	3	3	2409	1653	45	188	10	3
12904 Ringgold	1530	934	72	15	1940	1092	83	15	1	1	1570	1058	21	100	—	1
16555 Sac	1461	993	63	22	2366	1230	74	21	3	2	1940	981	33	57	2	1
60090 Scott	3862	6487	58	778	6845	5845	71	667	3	58	5578	5029	749	61	2	11
16552 Shelby	1753	1919	53	29	1973	1935	53	33	3	2	1782	1894	44	49	6	2
25248 Sioux	2298	1493	88	41	2697	1891	32	22	—	—	2189	1403	19	34	1	1
24083 Story	2653	1086	292	54	3790	1196	296	52	1	3	2482	1062	84	226	2	4
22156 Tama	2281	2574	107	19	2774	2550	151	38	29	30	2601	2414	49	95	8	17
16312 Taylor	2087	1310	57	38	2420	1585	94	46	—	1	1560	1460	61	105	2	1
16616 Union	1774	1678	121	51	2207	1843	124	37	4	—	1953	1621	67	146	1	3
15020 Van Buren	1875	1492	74	30	2133	1730	77	17	2	1	1301	2425	25	80	4	—
37743 Wapello	3608	3443	84	515	4541	3724	124	551	3	16	3282	4160	343	124	6	5
18194 Warren	2229	1297	161	22	2589	1645	163	19	2	1	1414	2089	39	262	11	3
19025 Washington	2197	1875	136	36	2631	2119	122	17	—	—	2087	2152	35	192	3	2
16184 Wayne	1810	1742	115	59	2092	1756	119	45	1	3	1670	1863	69	140	7	2
34629 Webster	2600	2356	205	137	3658	2374	241	192	4	3	3159	2030	149	238	4	16
11914 Winnebago	1190	439	84	26	1710	489	40	9	—	—	1288	174	5	21	—	5
21729 Winneshiek	2530	2019	59	59	2767	2008	65	29	1	2	2551	1684	33	43	4	7
67616 Woodbury	3724	3880	220	253	6587	5222	256	230	9	3	4578	4767	359	208	8	7
9950 Worth	1218	381	35	12	1433	449	30	16	—	—	1225	227	34	17	1	2
17951 Wright	1391	776	107	20	2498	866	77	10	—	2	1968	804	29	110	2	2
Total	205666	187287	10212	9700	275210	200771	9837	8287	261	404	216868	196143	8901	9792	346	338
Plurality	18379				74439						20825					
Per cent	49.81	45.36	2.48	2.35	55.63	40.58	1.99	1.65	.05	.10	50.17	45.35	2.06	2.27	.08	.07
Total vote		412865					494770						432488			

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Des Moines, Henry, Jefferson, Lee, Louisa, Van Buren and Washington.

Charles A. Kennedy, Rep.....15,602
J. A. S. Pollard, Dem.....13,427
E. J. Starr, Pro..... 471
William Strauss, Soc..... 558

2. Counties of Clinton, Iowa, Jackson, Johnson, Muscatine and Scott.

I. S. Pepper, Dem.....19,815
Charles Grilk, Rep.....16,971
John Bernet, Pro..... 211
George C. Cook, Soc..... 1,507

3. Counties of Black Hawk, Bremer, Buchanan, Butler, Delaware, Dubuque, Franklin, Hardin and Wright.

Charles E. Pickett, Rep.....19,324
John D. Denison, Jr., Dem.....15,572
Luther Minor Hawver, Soc..... 704

4. Counties of Allamakee, Cerro Gordo, Chickasaw, Clayton, Fayette, Floyd, Howard, Mitchell, Winneshiek and Worth.

Gilbert N. Haugen, Rep.....16,928
D. D. Murphy, Dem.....16,708
F. E. Macha, Soc..... 288

5. Counties of Benton, Cedar, Grundy, Jones, Linn, Marshall and Tama.

James W. Good, Rep.....15,147
S. C. Huber, Dem.....12,124
Frank Swearinger, Pro..... 501
W. B. Goulding, Soc..... 552

6. Counties of Davis, Jasper, Keokuk, Mahaska, Monroe, Poweshiek and Wapello.

Nathan E. Kendall, Rep..... 17,335
Daniel W. Hamilton, Dem.....15,914
F. M. Barrett, Pro..... 583
W. C. Minnick, Soc..... 1,062

7. Counties of Dallas, Madison, Marion, Polk, Story and Warren.

Solomon F. Prouty, Rep.....17,722
Clint L. Price, Dem.....14,597
William L. Wilson, Soc..... 1,138

8. Counties of Adams, Appanoose, Clarke, Decatur, Fremont, Lucas, Page, Ringgold, Taylor, Union, and Wayne.

Horace M. Towner, Rep.....19,548
Frank Q. Stuart, Dem.....15,565
S. D. Mercer, Soc..... 509

9. Counties of Adair, Audubon, Cass, Guthrie, Harrison, Mills, Montgomery, Pottawattamie and Shelby.

Walter I. Smith, Rep.....18,763
W. F. Cleveland, Dem.....16,916
Alden O. Mudge, Soc..... 429

10. Counties of Boone, Calhoun, Carroll, Crawford, Emmet, Greene, Hamilton, Hancock, Humboldt, Kossuth, Palo Alto, Pocahontas, Webster and Winnebago.
Frank P. Woods, Rep.....26,927
Edwin Anderson, Soc.....845

11. Counties of Buena Vista, Cherokee, Clay, Dickinson, Ida, Lyon, Monona, O'Brien, Osceola, Plymouth, Sac, Sioux and Woodbury.
Elbert H. Hubbard, Rep.....22,199
M. M. White, Dem.....14,377
John Calvin Smith, Soc.....495

LEGISLATURE.	Senate.	House.	J.B.
Republicans	34	70	104
Democrats	16	38	54

STATE OFFICERS.

(All republicans.)

Governor—Beryl F. Carroll.
Lieutenant-Governor—George W. Clarke.
Secretary of State—William C. Hayward.
Auditor—John L. Bleakly.
Treasurer—Willison W. Morrow.
Attorney-General—George Cosson.

KANSAS (Population in 1910, 1,690,949).

Population in 1910.	COUNTIES. (105)	—GOVERNOR 1910— Rep.	Dem.	Soc.	Pro.	—PRES. 1908— Rep.	Dem.
		Stubbs	Hodges	Stallard	Clay	Taft	Bryan
27640	Allen	2107	1755	494	24..	3283	2579
13829	Anderson	1635	1340	91	35..	1722	1512
28107	Atchison	1914	2530	50	11..	3244	2593
9916	Barber	1095	897	59	22..	1097	864
17876	Barton	1478	2008	127	10..	1729	2004
24007	Bourbon	2348	1845	378	15..	2695	2686
21314	Brown	2381	1435	48	22..	2778	2014
23059	Butler	2276	2215	165	88..	3049	2290
7527	Chase	967	782	58	10..	1021	834
11429	Chautauqua	1266	883	149	9..	1689	958
38162	Cherokee	2668	3292	1057	21..	3895	3819
4248	Cheyenne	488	267	68	23..	486	339
4093	Clark	476	350	13	12..	586	350
15251	Clay	1544	1281	117	20..	1858	1495
18388	Cloud	1674	1671	241	65..	2170	1663
15205	Coffey	1679	1455	79	38..	2094	1729
3281	Comanche	482	202	21	7..	592	245
31790	Cowley	3022	1925	439	50..	3578	2995
51178	Crawford	3281	4020	1969	33..	5152	4230
8976	Decatur	745	974	96	13..	898	1250
24361	Dickinson	2005	2135	156	24..	2886	2282
14422	Doniphan	2006	919	89	10..	2307	1113
24724	Douglas	2540	1733	73	21..	3279	2010
7033	Edwards	839	703	40	10..	773	704
10128	Elk	1170	1134	61	7..	1454	1187
12170	Ellis	743	1379	50	4..	768	1421
10444	Ellsworth	895	1191	18	14..	1213	1039
6908	Finney	977	475	80	17..	1000	551
11393	Ford	1419	1150	73	17..	1333	1089
20884	Franklin	2422	1624	162	96..	2658	2155
12681	Geary	867	1063	42	8..	1257	1033
6044	Gove	655	369	49	17..	632	456
8700	Graham	1005	739	106	9..	911	723
1087	Grant	207	87	6	—..	178	133
3121	Gray	387	266	64	4..	372	338
1335	Greeley	264	42	14	3..	206	89
16060	Greenwood	1797	1630	120	16..	2370	1545
3360	Hamilton	505	255	28	—..	415	275
14748	Harper	1536	1063	121	23..	1490	1404
19200	Harvey	1578	1736	103	17..	2305	1475
993	Haskell	133	110	26	5..	172	139
2930	Hodgeman	425	284	8	3..	411	290
16861	Jackson	1751	1276	23	11..	2201	1494
15826	Jefferson	1713	1692	43	12..	2270	1720
18148	Jewell	2320	1699	75	44..	2410	1932
18288	Johnson	1790	2364	70	7..	2313	2091
3200	Kearny	446	280	38	1..	435	304
13386	Kingman	1397	1287	132	15..	1443	1479
6174	Kiowa	733	575	31	15..	699	409
31423	Labette	2470	2454	618	50..	3367	2783
2693	Lane	363	208	49	11..	357	271
41207	Leavenworth	2514	5343	209	20..	4846	3818
10142	Lincoln	1196	954	59	2..	1216	1117
14735	Linn	1693	1300	225	12..	1950	1657
4240	Logan	649	231	42	13..	524	308
24927	Lyon	2578	2220	245	63..	2973	2562
22415	Marion	1975	1760	94	41..	2546	1747
23880	Marshall	2551	2480	69	25..	3206	2514
21521	McPherson	2345	1529	83	21..	2708	1905
5055	Meade	630	350	53	4..	560	386
20030	Miami	1776	2292	75	18..	2475	2256
14089	Mitchell	1554	1404	87	14..	1765	1570
49474	Montgomery	4019	9055	739	50..	5166	4030
12397	Morris	1482	1165	63	6..	1788	1273
1333	Morton	183	114	20	2..	154	140
19072	Nemaha	2294	1806	41	12..	2394	2182
23754	Neosho	2068	2357	146	13..	2929	2386
5883	Ness	729	394	57	63..	635	461
11614	Norton	1178	1046	64	47..	1448	1537
19905	Osage	2295	1994	227	23..	2671	2288
12827	Osborne	1500	921	36	117..	1665	1132
11811	Ottawa	1354	1052	81	14..	1444	1265
8859	Pawnee	1061	923	86	15..	1000	961
14150	Phillips	1498	1382	81	16..	1762	1490
17522	Pottaw'tomie	1911	1936	10	16..	2650	1680
11156	Pratt	1226	1004	52	29..	1193	1027
6380	Rawlins	695	622	76	1..	719	732
37853	Reno	3299	3440	312	43..	4092	3381
17447	Republic	1915	1767	60	19..	2156	1905
15106	Rice	1860	1197	102	61..	1832	1407
15783	Riley	1952	1113	59	14..	2276	1289
11282	Rooks	1265	846	112	41..	1280	1003
7826	Rush	843	785	57	5..	764	894
10800	Russell	1242	1041	18	4..	1360	976
20338	Saline	1989	2180	122	11..	2297	2134
3047	Scott	392	202	76	11..	324	294
73095	Sedgwick	5610	5029	1050	121..	6756	6049
4091	Seward	523	330	31	1..	427	413
61874	Shawnee	5019	5489	232	42..	7554	5585
5651	Sheridan	639	478	21	4..	639	631
4549	Sherman	563	388	53	4..	439	508
15365	Smith	1613	1503	98	47..	1843	1593
12510	Stafford	1346	960	95	43..	1334	1135
1034	Stanton	194	96	9	1..	180	107
2453	Stevens	407	184	40	8..	258	215
30654	Sumner	2505	2439	313	68..	3235	2772
5455	Thomas	528	508	46	10..	569	630
5398	Trego	662	490	66	10..	617	458
12721	Wabaunsee	1323	1483	23	20..	1849	1163
2759	Wallace	446	169	16	7..	350	206
20229	Washington	1959	1688	83	14..	2711	1904
2006	Wichita	230	143	30	1..	235	173
19810	Wilson	1858	1369	385	19..	2428	1777
9450	Woodson	1135	939	76	9..	1252	1047
100068	Wyandotte	7065	7309	540	79..	9684	8923
	Total	162181	146014	15384	2372..	197216	161209
	Plurality	16167				36007	
	Per cent	49.75	44.79	4.72	.74..	53.46	42.88
	Total vote		325951			375946	

For president in 1908 Debs, Soc., received 12,420 votes; Chafin, Pro., 5,033, and Hisgen, Ind., 68.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Atchison, Brown, Doniphan, Jackson, Jefferson, Leavenworth, Nemaha and Shawnee.
D. R. Anthony, Jr., Rep.....21,852
Chapman, Dem.....7,486

2. Counties of Allen, Anderson, Bourbon, Douglas, Franklin, Johnson, Linn, Miami and Wyandotte.
A. C. Mitchell, Rep.....23,382
Caldwell, Dem.....19,852

3. Counties of Chautauqua, Cherokee, Cowley, Crawford, Elk, Labette, Montgomery, Neosho and Wilson.
P. P. Campbell, Rep.....20,771
Botkin, Dem.....19,943

4. Counties of Chase, Coffey, Greenwood, Lyon, Marion, Morris, Osage, Pottawatomie, Wabaunsee and Woodson.
F. S. Jackson, Rep.....17,111
Martin, Dem.....14,051

5. Counties of Clay, Cloud, Geary, Dickinson, Marshall, Ottawa, Republic, Riley, Saline and Washington.
R. R. Rees, Rep.....17,860
Helvering, Dem.....15,775

6. Counties of Cheyenne, Decatur, Ellis, Ellsworth, Gove, Graham, Jewell, Lincoln, Logan, Mitchell, Norton, Osborne, Phillips, Rawlins, Rooks, Russell, Sheridan, Sherman, Smith, Thomas, Trego and Wallace.
I. D. Young, Rep.....21,220
Rockefeller, Dem.....18,985

7. Counties of Barber, Barton, Clark, Comanche, Edwards, Finney, Ford, Grant, Gray, Greeley, Hamilton, Harper, Hodgeman, Haskell, Kingman, Kiowa, Kearny, Lane, Meade, Morton, Ness, Pawnee, Pratt, Reno, Rice, Rush, Scott, Seward, Stafford, Stevens, Stanton and Wichita.

E. H. Madison, Rep.....24,925
Neeley, Dem.....20,133

8. Counties of Butler, Harvey, McPherson, Sedgwick and Sumner.

Victor Murdock, Rep.....16,239
Burnett, Soc.....2,354

LEGISLATURE.

The legislature is republican on joint ballot.

STATE OFFICERS.

(All republicans.)

Governor—Walter R. Stubbs.
Lieutenant-Governor—R. J. Hopkins.
Secretary of State—Charles H. Sessions.
Treasurer—Mark Tulley.
Auditor—W. E. Davis.
Attorney-General—John S. Dawson.
Superintendent Public Instruction—Edward T. Fairchild.
Superintendent Insurance—I. S. Lewis.
Railroad Commissioners—George Plumb, John T. White, Frank J. Ryan.

KENTUCKY (Population in 1910, 2,289,905).

Population in 1910.	COUNTIES. (119)	PRESIDENT 1908 Rep. Taft	Dem. Bryan	Pro. Chafin	Soc. Debs	S.L. Gil.	Pe. Wat.	In. Hisg.
16503	Adair	1872	1429	64	—	2	—	—
14882	Allen	1922	1402	58	4	2	2	1
10146	Anderson	1040	1477	46	1	—	1	1
12690	Ballard	706	2117	34	63	6	3	1
25293	Barren	2308	3145	102	8	5	4	2
13988	Bath	1471	1754	42	6	2	2	—
28447	Bell	2815	925	30	88	1	—	2
9420	Boone	631	2041	31	6	—	—	—
17462	Bourbon	2312	2508	48	14	—	—	—
23444	Boyd	2894	1950	63	53	—	3	1
14668	Boyle	1485	1787	44	10	—	—	1
10308	Bracken	1100	1510	44	47	—	1	—
17540	Breathitt	1620	1567	32	—	—	—	—
21031	Breckinridge	2603	2690	81	28	—	6	—
9487	Bullitt	726	1409	34	7	—	—	—
15805	Butler	2328	1012	55	3	2	7	—
14063	Caldwell	1517	1541	42	31	2	8	1
19867	Calloway	808	3024	101	25	4	11	2
59369	Campbell	7025	6813	120	810	33	1	2
9048	Carlisle	482	1625	55	22	—	—	—
8110	Carroll	546	1514	45	2	—	—	—
21966	Carter	2620	1595	70	27	1	1	2
15479	Casey	1878	1191	27	6	1	—	3
38845	Christian	4618	3120	59	19	4	2	1
17987	Clark	1859	2525	52	20	—	—	—
17789	Clay	1991	691	26	9	—	—	—
8153	Clinton	1082	320	34	18	2	—	1
13296	Crittenden	1714	1309	26	14	1	7	—
9846	Cumberland	1172	605	26	1	1	1	1
41020	Daviess	3922	5218	143	30	3	4	4
10469	Edmonson	1291	858	16	6	1	1	—
9814	Elliott	618	1159	8	—	—	—	—
12273	Estill	1503	996	43	—	—	—	—
47715	Fayette	4748	5247	108	30	14	2	4
16066	Fleming	1984	2057	52	8	—	1	—
18623	Floyd	1557	1601	32	4	2	—	—
21135	Franklin	1632	3233	32	9	—	1	3
14114	Fulton	636	1705	25	6	3	6	1
4697	Gallatin	321	958	7	2	—	—	—
11894	Garrard	1578	1259	49	5	1	—	2
10581	Grant	1099	1654	32	5	—	—	—
33539	Graves	1744	4952	115	108	19	3	2
19958	Grayson	2360	1864	33	—	—	37	1
11871	Green	1337	1167	23	10	3	1	—
18475	Greenup	2142	1441	74	78	1	—	2
8512	Hancock	1052	868	48	11	2	3	—
22686	Hardin	1913	3010	29	30	3	3	2
10566	Harlan	1392	252	17	1	—	—	—
16873	Harrison	1571	2797	61	—	—	1	—
18173	Hart	1950	1765	54	31	—	—	—
28552	Henderson	2528	3735	85	163	5	3	1
15716	Henry	1358	2253	51	—	6	—	—
11750	Hickman	658	1800	30	8	—	—	—
34291	Hopkins	3315	3721	101	68	7	18	1
10734	Jackson	1851	232	5	2	—	—	—

Population.		Taft	Bryan	Chafin	Debs	Gil.	Wat.	Hisg.
262920	Jefferson	27180	26186	438	653	154	9	30
12613	Jessamine	1271	1574	95	12	—	—	—
17482	Johnson	2336	1004	21	40	—	—	—
70355	Kenton	6431	8683	135	505	15	2	6
10791	Knott	576	1110	18	—	—	—	—
22116	Knox	2788	867	28	96	1	—	—
10701	Larue	1029	1337	13	4	1	1	—
19872	Laurel	2594	1165	42	15	—	—	—
20067	Lawrence	2098	1878	47	6	—	1	2
9531	Lee	1171	783	12	2	1	1	—
8976	Leslie	1390	95	4	3	—	3	1
10643	Letcher	1158	476	9	2	—	—	—
16887	Lewis	2549	1268	65	23	2	1	1
17897	Lincoln	1851	1994	94	2	2	1	1
10627	Livingston	997	1183	41	58	3	11	3
24977	Logan	2326	3114	67	46	3	9	—
9423	Lyon	759	1001	21	4	—	37	2
26351	Madison	3191	3065	49	16	—	1	1
13654	Magoffin	1645	1005	29	3	—	—	—
16330	Marion	3121	2093	10	2	—	—	—
15771	Marshall	1217	1852	62	8	—	13	—
7291	Martin	1042	240	11	7	—	—	—
18611	Mason	2136	2675	85	14	6	1	1
35064	McCracken	2966	4127	64	100	17	9	27
13241	McLean	1319	1430	75	20	2	7	1
9783	Meade	863	1295	18	15	—	1	1
6153	Menifee	451	853	—	—	—	—	—
14063	Mercer	1567	1747	82	3	—	7	1
10453	Metcalfe	1311	968	25	1	—	—	—
13663	Monroe	1861	770	20	1	—	—	—
12868	Montgomery	1305	1549	32	6	2	—	1
16259	Morgan	1400	2015	15	—	2	1	1
28598	Muhlenberg	3063	2740	61	90	8	8	1
16820	Nelson	1436	2452	26	4	—	5	1
10601	Nicholas	1085	1733	46	3	—	1	5
27642	Ohio	3357	2785	91	74	4	8	2
7243	Oldham	625	1259	38	11	—	—	—
14248	Owen	735	2732	13	1	—	4	—
7279	Owsley	1240	224	6	—	4	—	—
11985	Pendleton	1177	1543	50	38	—	—	2
11255	Perry	1274	524	13	6	2	2	2
31679	Pike	3467	2208	81	5	7	1	—
6268	Powell	699	739	24	1	—	1	—
35986	Pulaski	4483	2460	146	25	2	5	—
4121	Robertson	308	688	11	3	—	—	—
14473	Rockcastle	1816	962	48	2	—	2	—
9438	Rowan	1017	757	27	5	1	—	—
10861	Russell	1255	739	78	18	—	—	—
16956	Scott	1794	2476	33	7	—	3	—
18041	Shelby	1823	2742	37	4	1	—	—
11469	Simpson	913	1714	24	3	1	4	1
7567	Spencer	563	1175	21	1	—	1	—
11961	Taylor	1218	1294	58	1	1	1	—
16488	Todd	1555	1908	23	6	3	—	3
14539	Trigg	1351	1680	20	39	3	2	—
6512	Trimble	344	1322	25	9	—	—	—
19886	Union	1312	2781	41	87	4	14	—
30579	Warren	2929	3742	100	17	2	3	2
13940	Washington	1515	1615	16	3	1	2	—
17518	Wayne	1936	1436	48	2	1	1	1
20974	Webster	1828	2491	83	11	—	1	1
31982	Whitley	4023	1111	39	—	7	—	4
9864	Wolfe	818	1101	21	1	2	4	—
12571	Woodford	1369	1690	36	2	—	2	—
	Total	235711	244092	5887	4060	404	393	200
	Plurality		8381					
	Per cent	48.03	49.74	1.20	.83	.08	.07	.05
	Total vote			490687				

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken and Trigg.
Ollie M. James, Dem.....11,574
C. L. Horney, Soc.....1,389

2. The counties of Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Union and Webster.
A. O. Stanley, Dem.....12,040
R. J. Salmon, Rep.....6,902
Nicholas Royster, Soc.....417

3. The counties of Allen, Barren, Butler, Edmonson, Logan, Metcalfe, Muhlenberg, Simpson, Todd and Warren.
R. Y. Thomas, Jr. Dem.....16,063
W. H. Jones, Rep.....14,350
W. L. Casaday, Pro.....873

4. The counties of Breckinridge, Bullitt, Grayson, Green, Hardin, Hart, Larue, Marion, Meade, Nelson, Ohio, Taylor and Washington.
Ben Johnson, Dem.....18,263

David W. Gaddie, Rep.....11,952
Edward G. Austin, Soc..... 624

5. The county of Jefferson.
Swager Sherley, Dem.....21,437
J. W. McGee, Rep.....17,376
J. B. Stroud, Pro..... 222
Herman F. Young, Soc..... 1,085

6. The counties of Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Pendleton and Trimble.
Arthur B. Rouse, Dem.....15,454
Charles W. Nagel, Rep.....11,007
W. Langersiek, Soc..... 1,337

7. The counties of Bourbon, Fayette, Franklin, Henry, Oldham, Owen, Scott and Woodford.
James C. Cantrill, Dem.....13,858
M. C. Rankin, Rep.....10,877

8. The counties of Anderson, Boyle, Garrard, Jessamine, Lincoln, Madison, Mercer, Rockcastle, Shelby and Spencer.
Harvey Helm, Dem.....12,412
Hugh Miller, Rep..... 9,385

9. The counties of Bath, Bracken, Boyd, Carter, Fleming, Greenup, Harrison, Lawrence, Lewis, Mason, Nicholas, Robertson and Rowan.
W. J. Fields, Dem.....19,350
J. B. Bennett, Rep.....18,737

10. The counties of Breathitt, Clark, Elliott, Estill, Floyd, Johnson, Knott, Lee, Magoffin, Martin, Menifee, Montgomery, Morgan, Pike, Powell and Wolfe.
A. F. Bird, Dem.....18,766
John W. Langley, Rep.....20,664

11. The counties of Adair, Bell, Casey, Clay, Clinton, Cumberland, Harlan, Jackson, Knox, Laurel, Leslie, Letcher, Monroe, Owsley, Perry, Pulaski, Russell, Wayne and Whitley.
Caleb Powers, Rep.....25,622
E. Bertram, Dem.....16,357
S. V. Brants, Soc..... 387

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	12	27	39
Democrats	26	73	99

STATE OFFICERS.

(All republicans.)

Governor—Augustus E. Willson.
Lieutenant-Governor—William H. Cox.
Secretary—Ben L. Bruner.
Treasurer—Edwin Farley.
Auditor—Frank P. James.
Attorney-General—James Breathitt.

LOUISIANA (Population in 1910, 1,656,388).

Population in 1910.	COUNTIES. (60)	PRES. 1908 Rep. Taft	Dem. Bryan.	Soc. Debs.	Ind. Hisgen.
31847	Acadia	214	1017	141	—
23887	Ascension	107	551	9	—
24128	Assumption	198	511	1	—
34102	Avoyelles	50	1240	16	1
21776	Bienville	65	926	131	2
21738	Bossier	8	470	9	—
58200	Caddo	125	1733	40	1
62767	Calcasieu	683	1975	185	4
8593	Caldwell	21	314	58	1
4288	Cameron	15	660	2	—
10415	Catahoula	88	660	114	1
25050	Claiborne	38	874	24	1
14278	Concordia	4	288	11	—
27689	De Soto	17	881	41	1
34580	East Baton Rouge	83	1090	20	1
11637	East Carroll	6	194	1	—
20055	East Feliciana	12	589	2	—
11989	Franklin	15	456	12	—
15958	Grant	83	388	52	3
31262	Iberia	328	820	52	—
30954	Iberville	44	500	—	—
13818	Jackson	77	493	51	4
18247	Jefferson	30	1122	—	—
9402	La Salle	—	—	—	—
28733	Lafayette	128	725	121	2
33111	La Fourche	296	1072	5	—
18485	Lincoln	52	634	26	—
10627	Livingston	19	448	30	—
10676	Madison	6	156	—	—
18786	Morehouse	20	458	19	—
36455	Natchitoches	143	792	42	—
339075	Orleans	3288	25678	253	32
25830	Ouachita	60	851	27	2
12524	Plaquemines	127	416	15	—
25289	Pointe Coupee	23	653	—	—
44545	Rapides	159	1302	40	1
11402	Red River	6	386	72	—
15769	Richland	9	445	—	—
19874	Sabine	47	593	38	—
5277	St. Bernard	18	356	—	—
11207	St. Charles	22	215	—	—
9172	St. Helena	34	281	1	—
23009	St. James	123	364	8	1
14338	St. John the Baptist	33	287	2	—
66661	St. Landry	238	1395	14	6
23070	St. Martin	39	651	18	—
33368	St. Mary	273	767	27	3
18917	St. Tammany	107	755	73	1
29160	Tangipahoa	240	1116	27	3
17060	Tensas	7	300	—	—
28320	Terre Bonne	372	634	7	—
20451	Union	53	654	24	—
26390	Vermilion	156	547	50	—
17384	Vernon	273	618	241	7
18886	Washington	49	550	1	1
19186	Webster	32	853	109	1
12636	West Baton Rouge	9	198	—	—
6249	West Carroll	11	189	46	—
13449	West Feliciana	22	350	—	—
18357	Winn	153	527	206	—
	Total	8958	63568	2538	79
	Plurality		54610		
	Per cent	11.77	84.79	3.33	.10
	Total vote		76143		

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Parishes of Orleans (part), St. Bernard and Plaquemines.
Albert Estopinal, Dem.....11,932
John A. Wogan, Rep..... 1,408

2. Parishes of Orleans (part), Jefferson, St. Charles, St. James and St. John the Baptist.
H. Garland Dupre, Dem.....10,333
Victor Loisel, Rep..... 2,160

3. Parishes of Assumption, Iberia, Lafayette, La Fourche, St. Martin, St. Mary, Terre Bonne and Vermilion.
Robert F. Broussard, Dem.....4,011
Jules Dreyfus, Rep..... 395

4. Parishes of Bienville, Bossier, Caddo, De Soto, Natchitoches, Red River, Sabine, Webster, Winn.
John T. Watkins, Dem.....4,244
L. M. Grigsby, Rep..... 181

5. Parishes of Caldwell, Catahoula, Claiborne, Concordia, East Carroll, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, Union and West Carroll.
Joseph E. Ransdell, Dem.....4,255

6. Parishes of Ascension, East Baton Rouge, East Feliciana, Iberville, Livingston, Pointe Coupee, St. Helena, St. Tammany, Tangipahoa, Washington, West Baton Rouge, West Feliciana.
Robert C. Wickliffe, Dem.....4,016

7. Parishes of Acadia, Avoyelles, Calcasieu, Cameron, Grant, Rapides, St. Landry and Vernon.
Arsene P. Pujo, Dem.....7,393
J. R. Jones, Soc..... 706

LEGISLATURE.

Both branches of the legislature are democratic.

STATE OFFICERS.

(All democrats.)

Governor—Jared Y. Sanders.
Lieutenant-Governor—Paul L. Lambremont.
Secretary of State—John T. Michel.
Auditor—Paul Capedevielle.
Treasurer—O. B. Steele.
Attorney-General—Walter Guion.
Superintendent Public Instruction—T. H. Harris

MAINE (Population in 1910, 742,871).

Population in 1910.	COUNTIES. (16)	GOV. 1910 Rep.	Dem.	Fernald	Soc. Plaisted	Pro. Hunter	Ames.	PRES. 1908 Rep Taft.	Dem. Bryan.
59822	Androscoggin..	4190	6132	216	55..			4831	3095
74664	Aroostook.....	4784	3501	94	127..			4783	1157
112014	Cumberland....	9906	11390	266	301..			10593	5735
19119	Franklin.....	2013	1841	8	60..			2173	930
35575	Hancock.....	3209	4104	79	32..			3169	1846
52863	Kennebec.....	6204	6833	77	93..			6133	2842
29981	Knox.....	2407	3460	175	29..			2228	1932
18216	Lincoln.....	1689	2326	45	41..			1693	1196
36256	Oxford.....	3867	3539	43	43..			4179	2093
85285	Penobscot.....	6487	8905	76	110..			7336	3526
19887	Piscataquis....	1744	2145	3	40..			2157	828
18374	Sagadahoc.....	1785	2009	34	79..			1776	838
36301	Somerset.....	3043	3848	223	68..			3688	1676
23383	Waldo	2713	3035	82	35..			2491	1335
42905	Washington....	3902	3864	92	40..			3507	2258
68526	York.....	6669	6433	69	199..			6700	4076
	Total.....	64672	73425	1582	1352..			66987	35403
	Plurality.....		8753					31854	
	Per cent.....	45.85	52.07	1.12	.96..			62.99	33.30
	Total vote ..		141031					106335	

In 1908 for president, Debs, Soc., received 1,758 votes; Chafin, Pro., 1,487, and Hisgen, Ind., 701.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Cumberland and York.
   - Asher C. Hinds, Rep.....17,821
   - Pennell, Dem.....16,901
   - Morse, Soc.....332
   - Perrigo, Pro.....433
2. Counties of Androscoggin, Franklin, Knox, Lincoln, Oxford and Sagadahoc.
   - John P. Swasey, Rep.....16,227
   - Daniel J. McGillicuddy, Dem.....18,938
   - Pickering, Soc.....508
   - Emerson, Pro.....310
3. Counties of Hancock, Kennebec, Somerset and Waldo.
   - Edwin C. Burleigh, Rep.....15,798
   - Samuel W. Gould, Dem.....17,187
   - Brown, Soc.....417
   - Sterling, Pro.....224
4. Counties of Aroostook, Penobscot, Piscataquis and Washington.
   - Frank E. Guernsey, Rep.....18,017
   - Hanson, Dem.....17,516
   - Rideout, Soc.....290

LEGISLATURE.	Senate.	House.	J.B.
Republicans	9	63	72
Democrats	22	87	109

STATE OFFICERS.

Governor—Frederick W. Plaisted, Dem.
Secretary—Arthur I. Brown.
Treasurer—Pascal P. Gilmore.
Auditor—Lamont M. Stevens, Dem.
Superintendent Public Schools—P. Smith.

MARYLAND (Population in 1910, 1,294,450).

Population in 1910.	COUNTIES. (23)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Pro. Chafin.	Soc. Debs.	Ind. Hisgen.
62411	Allegany.....	5178	4791	218	385	19
39553	Anne Arundel.....	2926	3435	52	22	—
558485	Baltim'eCity county	51528	49139	1082	1413	261
122399	Baltimore county...	10197	10297	282	182	24
10625	Calvert.....	1070	714	15	3	11
19216	Caroline.....	1584	1945	97	22	11
33934	Carroll.....	3406	3641	148	4	18
23759	Cecil.....	2178	2847	49	5	1
16386	Charles.....	1643	1167	22	11	28
29699	Dorchester.....	2627	2769	66	15	8
52673	Frederick.....	5906	5158	156	31	5
20105	Garrett.....	2055	1121	119	21	—
27965	Harford.....	2742	3148	70	6	6
16106	Howard.....	1276	1764	50	5	2
16357	Kent.....	1753	1939	19	12	8
32089	Montgomery.....	2805	3351	102	14	3
36147	Prince George.....	2639	2680	38	10	30
16839	Queen Anne.....	1135	2086	104	7	2
17030	St. Mary.....	1333	1021	70	20	13
26455	Somerset.....	1912	1627	105	12	13
19620	Talbot.....	1908	2025	86	9	6
48671	Washington.....	4650	4518	108	97	4
26815	Wicomico.....	2273	2751	150	4	4
21841	Worcester.....	1529	1974	94	13	8
	Total.....	116513	115908	3302	2323	485
	Plurality.....	605				
	Per cent.....	48.84	48.59	1.38	.99	.20
	Total vote.....		238531			

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Worcester, Somerset, Wicomico, Dorchester, Talbot, Queen Anne, Caroline, Kent and Cecil.
   - J. Harry Covington, Dem.....18,341
   - A. L. Dryden, Rep.....16,066
   - Charles M. Ellerdice, Pro.....1,110
2. Baltimore city, wards 15 and 16; counties of Carroll, Harford and Baltimore.
   - Joshua Frederick C. Talbott, Dem.....19,352
   - William B. Baker, Rep.....17,124
   - Harry E. Gilbert, Pro.....480
   - Charles W. Smiley, Soc.....424
3. Baltimore city, wards 1, 2, 3, 4, 5, 6, 7, 8 and 22 and the 9th, 10th, 11th and 13th precincts of the 18th ward.
   - George Konig, Dem.....15,028
   - Charles W. Main, Rep.....14,740
   - Conrad Mauler, Jr., Pro.....314
   - Robert J. Fields, Soc.....985
4. Baltimore city, wards 9, 10, 11, 12, 13, 14, 17, 19 and 20 and the 1st, 2d, 3d and 12th precincts of the 18th ward.
   - J. Charles Linthicum, Dem.....17,478
   - Addison E. Mullikin, Rep.....15,698
   - Stephen LeCompte, Pro.....446
   - Charles F. Klein, Soc.....756
5. Baltimore city, wards 21, 23 and 24 and the 4th, 5th, 6th, 7th and 8th precincts of the 18th ward, counties of St. Mary, Charles, Calvert, Prince George, Anne Arundel and Howard.
   - James Enos Ray, Jr., Dem.....14,879
   - Thomas Parran, Rep.....15,706
   - Samuel R. Neave, Pro.....522
   - August Hartig, Soc.....601
6. Counties of Allegany, Garrett, Washington, Montgomery and Frederick.
   - David J. Lewis, Dem.....16,585
   - Brainard H. Warner, Jr., Rep.....15,896
   - Finley C. Hendrickson, Pro.....848
   - Paul O. Weber, Soc.....1,158

LEGISLATURE.	Senate.	House.	J.B.
Republicans	6	34	40
Democrats	21	67	88

STATE OFFICERS.
(All democrats.)

Governor—Austin L. Crothers.
Secretary—N. Winslow Williams.
Treasurer—Murray Vandiver.
Comptroller—William B. Clagett.
Adjutant-General—H. M. Warfield.
Attorney-General—Isaac L. Straus.
Superintendent of Education—M. B. Stevens.

MASSACHUSETTS (Population in 1910, 3,366,416).

Population in 1910.	COUNTIES. (14)	GOVERNOR, 1910 Rep. Draper.	Dem. Foss.	Dem. Foss	Pro. Nicholls.	Ind. Pro. White.	Soc.
27542	Barnstable...	2660	1689	179	81	50	35
105259	Berkshire....	7008	6352	397	149	152	446
318573	Bristol.....	15264	15531	1113	409	324	663
4504	Dukes.....	409	203	8	5	11	2
436477	Essex.....	25342	27241	1892	776	602	2422
43600	Franklin.....	3632	1873	124	40	78	304
231369	Hampden.....	11594	11605	671	397	156	926
63327	Hampshire...	4961	3590	220	49	95	196
669915	Middlesex....	42729	41219	2837	1612	655	1505
2962	Nantucket...	161	123	8	6	5	2
187506	Norfolk.....	14076	11433	913	643	155	717
144337	Plymouth....	8886	9077	798	454	184	1373
731388	Suffolk.....	31240	54514	3583	1550	298	1795
399657	Worcester....	26211	23197	1309	1142	512	1010
	Total.....	194173	207647	14052	7653	3277	11396
	Plurality.....		35179				
	Per cent.....	44.04	52.03			.74	2.55
	Total vote.			440811			

For governor in 1910, Ruther, Soc. Lab., received 2,613 votes.

For governor in 1909, Draper, Rep., received 199,186 votes; Nicholls, Pro., 5,423; Vahey, Dem., 182,252; White, Soc., 10,137.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Berkshire, Franklin (part), Hampshire (part) and Hampden (part).
   - George P. Lawrence, Rep.....14,109
   - Edward M. Lewis, Dem.....13,244
   - Louis B. Clark, Soc.....1,476
2. Counties of Franklin (part), Hampden (part) and Worcester (part).

Frederick H. Gillett, Rep.....14,242
William G. McKechnie, Dem.....13,774
Alva E. Fenton, Soc.....1,177

3. County of Worcester (part).
Charles G. Washburn, Rep.....14,544
John A. Thayer, Dem.....15,243

4. Counties of Worcester (part) and Middlesex (part).
John J. Mitchell, Dem.....16,835
William H. Wilder, Rep.....16,965
James D. Ryan, Soc.....767

5. Counties of Middlesex (part) and Essex (part).
Butler Ames, Rep.....13,760
James H. Carmichael, Dem.....13,163

6. County of Essex (part).
Augustus P. Gardner, Rep.....17,272
William H. O'Brien, Dem.....12,038
James F. Carey, Soc.....2,667

7. Counties of Essex (part) and Suffolk.
Ernest W. Roberts, Rep.....16,624
Walter H. Creamer, Dem.....14,337
W. L. Meaker, Ind.....1,837

8. County of Middlesex (part).
Samuel W. McCall, Rep.....15,854
F. S. Deitrick, Dem.....13,842

9. Wards 1, 2, 3, 4, 5, 6, 7, 8, 9 and precincts 6 and 7 of ward 12 in Boston and town of Winthrop, in Suffolk county.
John A. Keliher, Ind. Dem.....10,037
William F. Murray, Dem.....11,652
William H. Oakes, Rep.....2,081

10. Wards 13, 14, 15, 16, 17, 20 and 24 in Boston and town of Milton in Norfolk county.
J. Mitchell Galvin, Rep.....15,783
James M. Curley, Dem.....20,343

11. Wards 10, 11 and precincts 1, 2, 3, 4 and 5 of ward 12 and wards 18, 19, 21, 22, 23 and 25 in Boston.
Andrew J. Peters, Dem.....18,933
William D. Cotton, Jr., Rep.....13,033

12. Counties of Middlesex (part), Worcester (part) and Bristol (part).
John W. Weeks, Rep.....19,037
Daniel J. Daley, Dem.....14,696

13. Counties of Bristol (part), Plymouth (part), Dukes and Nantucket.
William S. Greene, Rep.....14,079
James F. Morris, Dem.....9,831

14. Counties of Plymouth (part), Bristol (part) and Barnstable.
Robert O. Harris, Rep.....15,753
Thomas C. Thacher, Dem.....15,686
John McCarty, Soc.....1,480

LEGISLATURE.	Senate.	House.	J.B.
Republicans	26	125	151
Democrats	14	112	126
Democrat-Republican	—	1	1
Republican-Independent	—	1	1
Socialist	—	1	1

STATE OFFICERS.

Governor—Eugene N. Foss, Dem.
Lieutenant-Governor—Louis A. Frothingham, Rep.
Secretary of State—William M. Olin, Rep.
Treasurer and Receiver-General—Elmer A. Stevens, Rep.
Auditor—Henry E. Turner, Rep.
Attorney-General—James M. Swift, Rep.

MICHIGAN (Population in 1910, 2,810,173).

Population in 1910.	COUNTIES. (83)	GOVERNOR 1910 Rep. Osborn	Dem. Hemans	Pro. Corbett	Soc. Warnock	S.L. Richter	PRESIDENT 1908 Rep. Taft	Dem. Bryan	Pro. Chafin	Soc. Debs	S.L. Gillh's	Ind. Hisgen	GOV. 1906 Rep. Warner	Dem. Kim'erle	Pro. Reed
5703	Alcona	537	86	23	58	—..	826	176	24	54	2	—..	727	58	15
7675	Alger	485	148	27	85	4..	1006	235	22	60	2	7..	745	176	19
39819	Allegan	2584	1981	117	100	12..	5479	2211	284	135	11	16..	2489	848	118
19965	Alpena	1348	590	12	52	7..	2377	952	34	116	6	2..	1885	950	28
15692	Antrim	813	423	59	53	3..	2032	576	101	59	3	5..	1370	372	48
9640	Arenac	729	531	32	41	4..	1085	717	60	67	2	1..	886	666	41
6127	Baraga	678	239	29	8	3..	770	293	19	14	1	3..	544	188	11
22633	Barry	2020	1947	129	43	14..	3254	2139	246	21	9	3..	2324	1746	163
68238	Bay	3487	3433	87	330	15..	6760	4223	180	403	27	18..	4712	2577	86
10638	Benzie	590	257	128	98	10..	1442	555	210	77	9	6..	1033	188	102
53622	Berrien	4018	4051	206	270	31..	7269	4606	275	276	18	64..	5143	3749	159
25605	Branch	2265	2360	105	51	7..	3721	2400	188	131	13	16..	2514	989	66
56638	Calhoun	3944	3581	111	246	33..	6859	4253	473	530	53	48..	4378	2604	191
20624	Cass	2024	2005	73	151	5..	3092	2474	148	128	9	10..	2322	2367	97
19157	Charlevoix	1330	517	66	300	30..	2538	806	149	176	6	11..	1726	296	65
17872	Cheboygan	1358	1112	62	54	5..	2081	1217	130	84	11	5..	1795	1086	34
24472	Chippewa	2602	513	72	42	1..	2422	1182	130	37	2	4..	2204	768	52
9245	Clare	784	563	20	28	5..	1350	567	38	22	3	1..	875	428	36
23129	Clinton	2172	2139	134	28	2..	3493	2193	147	23	4	1..	2418	1661	99
3934	Crawford	445	259	11	16	1..	593	243	12	28	2	—..	471	234	13
30108	Delta	1758	630	38	61	17..	3257	1101	84	80	15	7..	1743	266	34
20524	Dickinson	1872	495	71	64	39..	2515	549	176	44	12	7..	1957	129	108
30499	Eaton	2886	3662	94	41	2..	4383	3148	268	89	9	7..	3172	2069	130
18561	Emmet	1172	746	102	291	5..	2323	1016	604	184	11	2..	1416	637	142
64555	Genesee	5789	3015	378	493	27..	7268	3267	444	508	18	9..	4572	2620	261
8413	Gladwin	812	345	23	22	3..	1195	393	48	31	4	1..	606	132	13
23333	Gogebic	1460	734	407	61	24..	2265	617	147	60	7	5..	1660	720	128
23784	Grand Traverse	1007	673	52	228	15..	2821	1301	134	27	2	5..	1213	390	95
28820	Gratiot	2357	2016	155	23	4..	4164	2374	178	32	1	—..	2854	1742	122
29673	Hillsdale	2055	2369	155	30	3..	4517	2549	280	43	2	14..	2210	1026	119
38688	Houghton	3722	2221	499	242	17..	9381	2421	627	371	8	16..	4009	957	494
31478	Huron	2195	1268	94	36	5..	3590	1141	164	57	5	4..	2610	1191	101
53310	Ingham	3788	6030	364	127	35..	6725	5025	585	157	22	21..	3151	3874	312
33550	Ionia	2894	3810	439	40	4..	4508	3241	461	92	3	9..	3599	2505	384
9753	Iosco	865	579	27	11	—..	1227	670	40	9	—	1..	844	418	15
15164	Iron	1356	189	136	27	11..	2060	265	40	22	5	15..	446	53	24
23029	Isabella	1961	1888	54	40	4..	3185	1666	133	53	3	2..	2380	1478	67
53426	Jackson	3866	5427	166	154	10..	6768	5234	331	161	11	9..	5474	4331	191
60427	Kalamazoo	3864	4169	346	477	23..	6571	4518	455	425	17	36..	4624	3885	229
8097	Kalkaska	433	276	42	51	—..	1156	359	105	46	2	1..	433	109	29
159145	Kent	9228	8649	412	685	52..	16663	11494	859	947	67	15..	10337	4426	376
7156	Keweenaw	673	53	15	20	1..	1029	64	16	25	—	2..	455	21	4
4939	Lake	324	184	17	21	2..	678	254	14	31	4	2..	369	71	9
26033	Lapeer	2178	1491	189	13	4..	3454	1657	289	34	—	4..	2800	1415	109
10638	Leelanau	534	504	24	35	10..	1268	578	46	23	2	1..	712	202	45
47907	Lenawee	4069	3891	144	88	7..	6607	4704	398	28	9	4..	4957	3410	211
17736	Livingston	2183	2587	115	6	—..	2740	2418	219	10	2	4..	2380	2227	367
4004	Luce	239	35	18	1	— ..	357	108	31	4	2	2..	467	169	24
9249	Mackinac	847	557	16	11	— ..	1161	773	23	10	2	3..	823	553	16
32606	Macomb	3193	3099	137	20	5..	4497	3158	226	34	2	1..	3804	2988	107
26888	Manistee	1468	2163	58	179	10..	2709	1805	109	139	2	9..	2174	1546	44
46739	Marquette	3841	1001	166	422	12..	5635	1278	261	331	13	14..	3814	572	183

Population.		Osborn	Hemans	Corbett	Warnock	Richter	Taft	Bryan	Chafin	Debs	Gillh's	Hisgen	Warner	Kim'erle	Reed
21832	Mason	1437	1310	70	33	11..	2590	1136	151	52	4	9..	1389	983	75
13466	Mecosta	1189	828	93	80	7..	2721	1183	151	80	2	3..	1381	498	52
25648	Menominee	2095	1112	51	104	12..	2862	1313	128	79	14	15..	1897	1006	74
14005	Midland	1321	755	30	25	3..	2004	889	53	43	7	3..	1652	744	31
10606	Missaukee	1043	327	50	49	5..	1573	446	51	19	3	6..	1022	382	36
32917	Monroe	3070	3050	120	23	8..	4208	3457	211	50	3	3..	3217	3113	127
32069	Montcalm	1971	1050	105	200	18..	4585	1725	198	116	6	10..	3280	1145	117
3755	Montmorency	264	95	4	10	1..	588	180	3	8	—	1..	444	126	4
40577	Muskegon	2898	1554	56	292	22..	5103	1903	149	273	15	17..	3491	1503	46
19220	Newaygo	1454	669	68	47	—..	2682	962	148	69	9	1..	1175	381	46
49576	Oakland	4448	4406	296	93	6..	6287	3962	423	107	11	15..	4052	2355	175
18379	Oceana	1397	839	113	30	6..	2462	803	259	58	12	6..	1579	656	203
3907	Ogemaw	731	446	34	38	2..	1225	458	81	25	3	1..	947	325	46
8650	Ontonagon	1138	265	38	42	7..	1250	429	18	47	5	6..	1095	451	20
17889	Osceola	1036	733	58	28	3..	2826	769	146	5	16	6..	1279	462	68
2027	Oscoda	221	55	3	1	1..	332	114	8	3	—	—..	270	77	2
6552	Otsego	305	179	13	5	1..	866	276	34	15	1	2..	443	113	17
45301	Ottawa	3722	2056	111	74	18..	5659	2441	262	165	9	15..	3195	1233	111
11249	Presque Isle	966	197	9	17	4..	1722	305	18	57	11	2..	1219	311	13
2274	Roscommon	296	178	8	13	2..	450	149	18	18	3	3..	304	131	5
89290	Saginaw	6411	5533	88	262	41..	9464	7025	244	558	73	23..	6687	6107	143
33930	Sanilac	3654	1240	169	84	2..	4184	1484	358	43	2	3..	2226	716	130
8681	Schoolcraft	622	90	4	23	9..	1364	295	42	16	3	3..	723	116	10
33246	Shiawassee	2963	2270	385	37	49..	4211	2350	526	171	7	4..	3804	2125	339
52341	St. Clair	4294	3385	145	280	53..	7334	3754	332	295	31	9..	5581	3351	154
25499	St. Joseph	2378	2320	62	71	4..	3464	2773	173	108	3	29..	2741	2102	86
34913	Tuscola	2750	1149	342	26	3..	4448	1575	391	46	6	2..	2947	1194	249
33185	Van Buren	2589	1862	83	82	10..	4565	2335	195	129	12	36..	3095	1280	143
44714	Washtenaw	3937	4690	184	51	26..	5845	4441	305	88	16	14..	5220	3758	110
531590	Wayne	31910	25399	680	1989	317..	50618	24603	1446	2461	306	54..	34728	24713	403
20769	Wexford	1190	837	165	69	10..	2892	832	257	89	8	6..	1758	397	174
	Total	202863	159670	9989	9092	1204..	335580	175771	16974	11586	1096	742..	227559	129963	9140
	Plurality	43193					159809						97594		
	Per cent	52.87	41.61	2.60	2.60	.32..	61.91	32.44	3.13	2.14	.20	.14..	60.83	34.77	2.45
	Total vote			383718					541767				373739		

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Thirteen wards city of Detroit.
Edwin Denby, Rep. 17,676
Frank E. Doremus, Dem. 20,843

2. The counties of Jackson, Lenawee, Monroe, Washtenaw, ten townships in Wayne county, city of Wyandotte.
William W. Wedemeyer, Rep. 21,485
John V. Sheehan, Dem. 15,125

3. The counties of Branch, Calhoun, Eaton, Hillsdale and Kalamazoo.
John M. C. Smith, Rep. 18,806
Nathaniel H. Stewart, Dem. 11,935

4. The counties of Allegan, Barry, Berrien, Cass, St. Joseph and Van Buren.
Edward J. Hamilton, Rep. 17,282
John E. Barnes, Dem. 12,185

5. The counties of Ionia, Kent and Ottawa.
Gerrit J. Diekema, Rep. 14,589
Edwin F. Sweet, Dem. 15,229

6. The counties of Genesee, Ingham, Livingston, Oakland, six townships Wayne county, three wards city of Detroit.
Samuel W. Smith, Rep. 23,321
Alva M. Cummins, Dem. 18,403

7. The counties of Huron, Lapeer, Macomb, Sanilac, St. Clair, two townships Wayne county.
Henry McMorran, Rep. 15,897
Thomas Wellman, Dem. 11,595

8. The counties of Clinton, Saginaw, Shiawassee and Tuscola.
Joseph W. Fordney, Rep. 14,878
James P. Devereux, Dem. 10,571

9. The counties of Benzie, Lake, Leelanau, Manistee, Mason, Muskegon, Newaygo, Oceana and Wexford.
James C. McLaughlin, Rep. 13,029
Emory D. Weimer, Dem. 6,171

10. The counties of Alcona, Alpena, Arenac, Bay, Cheboygan, Crawford, Emmet, Gladwin, Iosco, Midland, Montmorency, Ogemaw, Otsego and Presque Isle.
George A. Loud, Rep. 15,060
Albert Miller, Dem. 8,747

11. The counties of Antrim, Charlevoix, Clare, Grand Traverse, Gratiot, Isabella, Kalkaska, Mecosta, Missaukee, Montcalm, Osceola and Roscommon.
Francis H. Dodds, Rep. 16,179
Hubbard Head, Dem. 7,157

12. The counties of Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft.
H. Olin Young, Rep. 24,661
Gideon T. Werline, Dem. 8,751

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	29	87	116
Democrats	3	15	18

STATE OFFICERS.

(All republicans.)

Governor—Chase S. Osborn.
Lieutenant-Governor—John Q. Ross.
Secretary of State—Frederick C. Martindale.
Treasurer—A. E. Sleeper.
Attorney-General—Franz Kuhn.
Land Commissioner—Huntley Russell.
Supt. of Public Instruction—L. L. Wright.

MINNESOTA (Population in 1910, 2,075,708).

COUNTIES.		GOVERNOR 1910			PRESIDENT 1908					PRESIDENT 1904				
Population in 1910.	(85)	Rep. Eberhart	Dem. Gray	Pub O. Barrett	Rep. Taft	Dem. Bryan	Pro. Chafin	Soc. Debs	Ind. Hisgen	Rep. Roosevelt	Dem. Parker	Pro. Swallow	Soc. Debs	S.L. Cor'gan
10371	Aitkin	807	412	168..	1205	389	57	143	4..	1327	191	39	61	15
12493	Anoka	1041	690	36..	1577	610	56	42	1..	1567	283	20	20	11
18840	Becker	1648	765	167..	2058	738	186	223	1..	1872	310	84	68	16
19337	Beltrami	1350	607	470..	1878	648	45	384	10..	1953	242	26	135	11
11615	Benton	972	729	58..	1001	765	26	54	4..	1206	433	—	—	—
9367	Big Stone	808	709	16..	985	565	39	51	—..	1235	319	54	68	7
28837	Blue Earth	3034	2248	42..	3297	2191	226	149	4..	3573	1419	142	135	29
20134	Brown	1982	1195	98..	1513	1530	55	246	2..	2073	869	27	53	7
17559	Carlton	914	643	206..	1487	500	51	333	7..	1490	266	19	175	8
17455	Carver	1993	793	37..	1739	1101	34	21	2..	1735	673	—	—	—
11620	Cass	788	377	118..	1009	461	43	197	—..	1178	229	17	136	19

Population.		Eberhart	Gray	Barrett	Taft	Bryan	Chafin	Debs	Hisgen	Roosevelt	Parker	Swallow	Debs	Cor'gan
13458	Chippewa	1193	777	49..	1409	799	144	32	5..	1830	338	86	32	10
13537	Chisago	1309	511	49..	2107	408	49	71	2..	2417	156	16	46	7
19640	Clay	1924	985	58..	1857	1125	111	68	3..	2185	388	81	101	35
6870	Clearwater	611	187	144..	779	164	46	185	5..	903	79	13	38	15
1336	Cook	208	54	24..	255	42	11	19	—..	207	31	9	3	—
12651	Cottonwood	1127	544	34..	1240	526	98	19	1..	1536	213	43	7	19
16861	Crow Wing	1420	699	312..	1681	661	72	410	5..	2150	333	86	258	18
25171	Dakota	2628	1570	65..	2481	1778	131	108	7.	2685	1078	68	56	15
12094	Dodge	932	410	15..	1454	515	96	19	—..	1499	320	96	21	40
17669	Douglas	1799	1041	27..	1894	979	165	70	1..	2171	410	69	56	23
19949	Faribault	1841	786	21..	2305	1039	357	26	2..	2792	611	165	16	9
25680	Fillmore	2556	1057	29..	3259	1153	175	77	2..	3242	554	120	75	53
22282	Freeborn	2162	1055	81..	2465	976	421	167	3..	2876	461	207	95	33
31637	Goodhue	3289	1389	51..	4484	1149	149	198	8..	4562	737	100	37	20
9114	Grant	800	416	18..	1099	376	69	25	—..	1209	102	47	12	8
333480	Hennepin	20020	15226	2496..	27789	16169	1016	2273	68..	31437	5710	—	—	—
14297	Houston	1457	704	20..	1700	745	68	11	—..	1546	434	31	12	6
9831	Hubbard	881	388	92..	1288	401	46	124	5..	1392	232	33	76	—
12615	Isanti	879	679	128..	1198	466	196	185	4..	1603	137	71	76	11
17208	Itasca	1390	800	235..	1883	684	45	367	5..	1790	250	—	—	—
14491	Jackson	1345	800	26..	1575	1013	58	24	2..	2032	554	33	22	28
6461	Kanabec	586	284	105..	803	242	43	65	2..	872	107	20	8	5
18869	Kandiyohi	1889	1110	58..	2312	947	222	145	8..	2576	254	81	99	161
9669	Kittson	699	525	25..	969	499	84	6	2..	1085	157	60	15	8
6431	Koochiching	655	321	369..	836	420	39	188	2..	—	—	—	—	—
15435	Lac qui Parle	1342	666	20..	1894	661	167	16	—..	1896	243	91	14	31
8011	Lake	471	272	277..	584	153	41	362	1..	603	77	7	194	5
18609	Le Sueur	1902	1696	65..	1819	1639	79	199	5..	2086	1251	55	107	16
9674	Lincoln	935	715	34..	891	683	65	37	1..	1323	258	52	10	17
15722	Lyon	1158	1091	24..	1618	1043	146	46	1..	2394	330	107	50	52
18691	McLeod	1270	1160	27..	1579	1506	73	55	4..	1478	736	74	23	11
3249	Mahnomen	263	247	53..	265	143	5	81	—..	—	—	—	—	—
16338	Marshall	1636	747	113..	1148	731	186	177	6..	1720	275	132	63	44
17518	Martin	1684	1183	45..	1922	1054	184	91	4..	2168	657	168	55	18
17022	Meeker	2096	1190	18..	1928	1111	74	35	1..	2327	692	79	31	20
10705	Mille Lacs	699	586	117..	1119	427	91	168	1..	1451	155	59	50	12
24053	Morrison	1679	1523	173..	1966	1513	64	118	1..	2498	1129	48	42	17
22640	Mower	2259	991	46..	2629	1206	124	180	4..	2769	552	75	153	17
11755	Murray	1221	714	23..	1293	762	55	33	2..	1464	538	27	14	25
14125	Nicollet	1288	806	23..	1592	832	72	50	3..	1677	513	56	12	6
15210	Nobles	1291	995	24..	1432	925	107	58	—..	1753	622	68	12	21
13446	Norman	1096	546	130..	1276	661	195	177	—..	1782	162	125	173	40
22497	Olmsted	2043	1702	34..	2472	1621	141	16	10..	2745	1143	87	15	16
46036	Otter Tail	2656	2158	241..	3964	2320	329	208	5..	4643	869	278	367	96
15878	Pine	1026	712	104..	1548	802	85	303	4..	1743	463	34	93	13
9553	Pipestone	885	418	22..	1057	491	49	27	—..	1185	289	39	35	27
36001	Polk	3048	2303	469..	3311	1928	193	556	10..	3549	698	242	357	71
12746	Pope	1450	533	10..	1794	442	75	23	—..	1729	159	45	8	18
223675	Ramsey	17616	9292	842..	16556	11613	400	1659	72..	18269	5860	221	1474	82
15940	Red Lake	1843	1246	236..	1428	856	60	342	8..	1430	399	46	165	21
18125	Redwood	1698	945	41..	1821	1076	88	54	3..	2194	462	64	16	15
23123	Renville	2333	1252	39..	2275	1364	110	28	1..	2925	639	124	20	40
25911	Rice	2512	1591	40..	2821	1614	111	40	4..	3160	1067	58	112	30
10222	Rock	902	408	18..	1234	525	55	17	4..	1243	242	42	23	20
11338	Roseau	1078	206	274..	900	444	61	361	2..	1042	182	38	132	16
163274	St. Louis	7608	6232	726..	12076	4464	401	1305	28..	10375	1972	155	609	110
14888	Scott	856	794	17..	1045	1548	52	12	3..	1138	1021	8	18	4
8136	Sherburne	585	477	24..	1102	366	67	42	—..	1165	186	21	23	12
15540	Sibley	1396	709	21..	1623	1110	61	6	2..	1628	662	48	2	10
47733	Stearns	3124	2297	75..	2614	3835	127	159	10..	2849	2625	60	85	25
16146	Steele	1757	1430	32..	1899	1284	104	38	—..	2095	1067	77	52	12
8293	Stevens	749	563	17..	877	552	37	16	1..	1254	362	23	19	8
12949	Swift	1244	1066	22..	1343	921	84	41	2..	1784	462	55	14	21
23407	Todd	1608	1032	398..	2334	1305	163	258	8..	2961	742	132	91	26
8049	Traverse	705	513	14..	685	514	34	13	1..	885	247	10	14	1
18554	Wabasha	2066	1448	25..	2150	1416	77	39	2..	2315	1083	59	23	14
8652	Wadena	713	259	65..	991	467	29	70	2..	1159	191	19	25	8
13466	Waseca	1305	1041	23	1455	1085	59	40	7..	1714	631	30	22	45
26013	Washington	1372	1049	50..	2727	1120	68	63	3..	2913	652	17	41	18
11382	Watonwan	1102	572	5..	1411	537	45	6	4..	1455	307	43	6	6
9063	Wilkin	873	521	21..	779	614	48	26	2..	1103	246	31	39	6
33398	Winona	2842	2335	45..	3014	3072	85	69	9..	3754	2063	44	110	59
28062	Wright	2042	1390	52..	2820	1396	184	37	5..	3187	860	—	—	—
15406	Yellow Medicine	1123	666	19..	1745	786	130	19	2..	1947	258	96	69	10
	Total	164185	103779	11173..	195843	109401	11107	14527	426..	216651	55187	6253	11692	974
	Plurality	60406		..	86434				..	161464				
	Per cent	55.74	35.23	3.79..	59.30	33.12	3.36	4.38	.13..	75.67	19.37	1.84	2.47	.65
	Total vote	294607			330244				..	292860				

For governor in 1910, J. F. Heiberg, Pro., received 8,960 votes, and C. W. Brandborg, Soc. Lab., 6,510.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Dodge, Fillmore, Freeborn, Houston, Mower, Olmsted, Steele, Wabasha, Waseca and Winona.
   Sydney Anderson, Rep. 18,315
   H. L. Buck, Dem. 14,816
2. Counties of Blue Earth, Brown, Cottonwood, Faribault, Jackson, Martin, Murray, Nobles, Pipestone, Rock and Watonwan.
   Franklin F. Ellsworth, Rep. 12,426
   W. S. Hammond, Dem. 14,745
   D. A. Thayer, Pub. Own. 556
3. Counties of Carver, Dakota, Goodhue, Le Sueur, McLeod, Nicollet, Rice, Scott and Sibley.
   Charles R. Davis, Rep. 21,763
   No opposition.
4. Counties of Chisago, Ramsey and Washington.
   Fred C. Stevens, Rep. 18,830
   J. L. Gieske, Dem. 12,495
   Charles H. Stratton, Pub. Own. 1,953
5. County of Hennepin.
   Frank M. Nye, Rep. 17,433
   Thomas P. Dwyer, Dem. 15,113
   F. F. Lindsay, Pub. Own. 2,325
6. Counties of Benton, Cass, Crow Wing, Douglas,

Hubbard, Meeker, Morrison, Sherburne, Stearns, Todd, Wadena and Wright.

Charles A. Lindbergh, Rep.....25,272

No opposition.

7. Counties of Big Stone, Chippewa, Grant, Kandiyohi, Lac qui Parle, Lincoln, Lyon, Pope, Redwood, Renville, Stevens, Swift, Traverse and Yellow Medicine.

Andrew J. Volstead, Rep.....24,395

No opposition.

8. Counties of Aitkin, Anoka, Carlton, Cook, Isanti, Itasca, Kanabec, Koochiching, Lake, Mille Lacs, Pine and St. Louis.

Clarence B. Miller, Rep.....17,018

Alfred Jacques, Dem.....10,305

O. S. Watkins, Pub. Own.....4,354

9. Counties of Becker, Beltrami, Clay, Clearwater, Kittson, Mahnomen, Marshall, Norman, Otter Tail, Polk, Red Lake, Roseau and Wilkin.

Halvor Steenerson, Rep.....24,572

David Sanders, Pub. Own.....8,421

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	40	88	128
Democrats	20	26	46
Independent Republicans	1	9	10
Prohibitionists	1	4	5
Public Ownership	..	1	1
Populist	1	..	1
Independent	..	1	1

STATE OFFICERS.

Governor—A. O. Eberhart, Rep.
Lieutenant-Governor—Sam Y. Gordon, Rep.
Secretary of State—Julius A. Schmahl, Rep.
Treasurer—Walter J. Smith, Rep.
Attorney-General—George T. Simpson, Rep.
Auditor—S. G. Iverson, Rep.
Supt. Public Instruction—C. G. Schulz, Rep.
Insurance Commisioner—J. A. O. Preus, Rep.

MISSISSIPPI (Population in 1910, 1,797,114).

Population in 1910.	COUNTIES. (79)	—PRESIDENT 1908— Dem. Bryan.	Rep. Taft.	Peo. Watson.	Soc. Debs.
25265	Adams	712	86	8	5
18159	Alcorn	761	48	6	14
22954	Amite	1026	15	30	—
28851	Attala	1001	98	17	9
10245	Benton	552	34	1	2
48905	Bolivar	642	208	10	2
17726	Calhoun	928	63	19	47
23139	Carroll	628	31	35	7
22846	Chickasaw	764	65	31	3
14357	Choctaw	559	48	58	13
17403	Claiborne	436	8	2	1
21630	Clarke	1089	40	11	18
20203	Clay	686	19	16	—
34217	Coahoma	885	58	—	—
33914	Copiah	1346	25	39	4
16909	Covington	774	64	10	11
23130	De Soto	739	14	2	3
20722	Forrest	832	59	17	43
15193	Franklin	311	20	88	15
6599	George	—	—	—	—
6050	Greene	332	43	1	—
15727	Grenada	523	12	13	4
11207	Hancock	269	57	2	3
34658	Harrison	1399	278	20	84
63726	Hinds	1749	68	14	34
39088	Holmes	987	31	9	29
10260	Issaquena	85	11	—	—
14526	Itawamba	859	67	58	4
15451	Jackson	648	118	3	24
18498	Jasper	754	21	30	15
28221	Jefferson	409	4	1	1
12860	Jefferson Davis	406	89	6	12
29885	Jones	1181	172	71	108
20348	Kemper	703	46	80	14
21883	Lafayette	1028	43	3	5
11741	Lamar	311	68	13	9
46919	Lauderdale	2038	72	74	88
13080	Lawrence	397	47	3	5
18298	Leake	1005	30	25	47
29894	Lee	1336	70	55	8
36290	Le Flore	632	21	6	2
28597	Lincoln	1068	206	12	5
30703	Lowndes	877	95	—	—
33505	Madison	659	60	2	5
15599	Marion	532	89	7	18
26796	Marshall	913	29	1	—
35178	Monroe	1529	50	26	3
17706	Montgomery	699	8	16	13
17980	Neshoba	911	61	82	33
23065	Newton	1333	16	60	32
28503	Noxubee	626	7	9	2
19676	Oktibbeha	783	22	19	3
31274	Panola	908	15	25	8
10593	Pearl River	374	20	2	8
7685	Perry	144	31	—	12
37272	Pike	1284	55	9	15
19688	Pontotoc	879	156	43	5
16931	Prentiss	716	153	12	9
11593	Quitman	199	33	—	—
23944	Rankin	757	13	6	12
16723	Scott	724	9	5	7
15694	Sharkey	220	2	1	—
17201	Simpson	716	61	8	29
16603	Smith	712	32	12	15
28787	Sunflower	522	11	1	1
29078	Tallahatchie	681	2	2	3
19714	Tate	865	53	7	5
14631	Tippah	1021	57	1	5
13067	Tishomingo	538	113	4	5
18646	Tunica	185	14	1	2
18997	Union	1089	103	14	6
37488	Warren	1310	169	7	35
48933	Washington	760	72	6	4
14709	Wayne	430	58	4	14
14853	Webster	804	191	41	15
18075	Wilkinson	530	1	—	4
17139	Winston	729	41	20	4
21519	Yalobusha	1085	33	7	10
46672	Yazoo	979	14	2	11
	Total	60287	4963	1276	978
	Plurality	56871			
	Per cent	89.61	6.63	2.22	1.54
	Total vote		67936		

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Alcorn, Itawamba, Lee, Lowndes, Monroe, Oktibbeha, Prentiss, Noxubee and Tishomingo.

E. S. Candler, Dem.....2,904

2. The counties of Benton, De Soto, Lafayette, Marshall, Panola, Tallahatchie, Tate, Tippah and Union.

H. D. Stephens, Dem.....3,304

3. The counties of Bolivar, Coahoma, Issaquena, Le Flore, Quitman, Sharkey, Sunflower, Tunica, Holmes and Washington.

B. G. Humphreys, Dem.....1,799

4. The counties of Calhoun, Carroll, Chickasaw, Choctaw, Clay, Grenada, Montgomery, Pontotoc, Webster and Attala.

T. U. Sisson, Dem.....3,719

5. The counties of Winston, Clarke, Jasper, Lauderdale, Leake, Neshoba, Newton, Scott, Smith and Kemper.

S. A. Witherspoon, Dem.....3,921

6. The counties of Covington, Greene, Hancock, Harrison, Jackson, Jones, Lawrence, Marion, Perry, Wayne, Simpson and Pearl River.

B. P. Harrison, Dem.....4,011

7. The counties of Claiborne, Copiah, Franklin, Jefferson, Lincoln, Adams, Pike, Amite and Wilkinson.

W. A. Dickson, Dem.....2,468

8. The counties of Warren, Yazoo, Madison, Hinds and Rankin.

J. W. Collier, Dem.....1,739

LEGISLATURE.

All the members of the legislature are democrats.

STATE OFFICERS.

(All democrats.)

Governor—Edmond F. Noel.
Lieutenant-Governor—Luther Manship.
Secretary—J. W. Power.
Treasurer—George R. Edwards.
Auditor—E. J. Smith.
Attorney-General—R. V. Fletcher.

MISSOURI (Population in 1910, 3,293,335).

Population in 1910.	COUNTIES. (114)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Peo. Watson.	Ind. Hisgen.	Soc. Debs.	Pro. Chafin.
22700	Adair	2503	1987	15	1	271	75
15282	Andrew	2169	1784	6	5	15	32
13604	Atchison	1697	1655	4	1	18	48
21687	Audrain	1732	3320	21	3	16	31
23869	Barry	2515	2379	4	1	138	34
16747	Barton	1669	1897	4	4	193	55
25869	Bates	2749	3246	25	11	83	119
14881	Benton	1916	1275	12	—	20	20
14576	Bollinger	1589	1521	1	2	27	25
30533	Boone	2147	5032	15	—	29	19
93020	Buchanan	8373	9803	4	2	170	100
20624	Butler	2186	1887	6	4	144	26
14035	Caldwell	2162	1539	18	7	4	25
24400	Callaway	1889	3875	2	2	13	39
11582	Camden	1443	956	6	1	33	12
27621	Cape Girardeau	3373	2618	10	4	28	43
23098	Carroll	3009	2750	8	4	31	38
5504	Carter	506	590	3	—	57	3
22973	Cass	2197	3136	4	3	109	50
16080	Cedar	1934	1478	15	1	60	26
23503	Chariton	2248	3343	16	3	12	21
15832	Christian	1867	953	19	2	146	62
12811	Clark	1741	1735	—	1	5	32
20302	Clay	1169	3504	11	1	25	19
15297	Clinton	1576	2072	3	2	1	19
21957	Cole	2395	2479	2	1	28	13
20311	Cooper	2676	2555	16	7	9	12
13576	Crawford	1752	1200	2	3	52	16
15613	Dade	1945	1436	11	—	42	30
13181	Dallas	1610	951	17	2	10	3
17605	Daviess	2385	2295	18	2	8	51
12531	DeKalb	1685	1628	3	1	2	26
13245	Dent	1291	1328	4	1	53	4
16664	Douglas	1900	701	35	2	281	17
30328	Dunklin	1654	2744	3	—	264	21
29830	Franklin	4045	2421	4	8	120	33
12847	Gasconade	2219	509	6	3	13	10
16820	Gentry	1880	2233	11	—	24	50
63831	Greene	6440	5823	49	1	454	142
16744	Grundy	2408	1366	14	2	12	45
20466	Harrison	2843	1940	12	6	15	50
27242	Henry	2852	3577	6	1	61	89
8741	Hickory	1181	590	13	3	32	12
14539	Holt	2244	1594	7	3	14	27
15653	Howard	1139	2887	6	1	7	14
21065	Howell	2167	1824	3	2	203	24
8563	Iron	829	928	4	—	6	7
283522	Jackson-Kas.C.	26987	31376	46	34	905	250
89673	Jasper	9124	8102	18	15	1030	252
27878	Jefferson	3046	2690	25	1	68	18
26297	Johnson	3206	3480	9	3	68	30
12403	Knox	1388	1706	3	6	26	37
17363	Laclede	1907	1674	9	2	2	14
30154	Lafayette	3771	3895	5	—	98	25
26583	Lawrence	3026	2532	8	5	303	56
15514	Lewis	1470	2496	17	4	20	38
17033	Lincoln	1617	2547	5	2	6	18
25253	Linn	2976	2907	17	4	77	40
19453	Livingston	2405	2376	55	3	42	24
13539	McDonald	1333	1302	—	1	80	28
30868	Macon	3543	3911	15	7	171	60
11273	Madison	1289	1335	2	1	51	17
10068	Maries	701	1208	—	1	5	10
30572	Marion	2550	3978	8	1	149	71
12335	Mercer	1909	848	5	—	9	26
16717	Miller	2014	1388	18	1	63	15
14557	Mississippi	1318	1385	1	1	12	18
14375	Moniteau	1690	1758	28	—	29	35
18304	Monroe	871	3709	12	3	14	9
15604	Montgomery	2041	2070	11	4	11	43
12863	Morgan	1666	1317	7	—	11	11
19488	New Madrid	1433	1816	1	1	73	17
27136	Newton	2928	2701	11	5	230	158
28833	Nodaway	3586	3591	20	10	51	45
14681	Oregon	731	1551	2	—	120	2
14283	Osage	1820	1437	—	1	4	30
11026	Ozark	1227	594	1	—	40	3
19559	Pemiscot	1385	1726	1	—	39	6
14898	Perry	1773	1568	2	1	1	30
33913	Pettis	3984	3781	2	—	195	90
15796	Phelps	1519	1803	22	2	20	9
22556	Pike	2404	3326	4	—	10	8
14429	Platte	979	2782	2	—	7	16
21561	Polk	2667	2131	19	2	39	35
11438	Pulaski	985	1419	6	—	27	11
14308	Putnam	2231	1053	1	3	52	48
12913	Ralls	933	2008	2	1	18	9
26182	Randolph	1952	4241	25	—	12	44
21451	Ray	1918	3041	3	2	57	45
9592	Reynolds	543	1054	2	—	42	1
13099	Ripley	944	1308	33	2	4	16
24695	St. Charles	3475	1976	2	8	42	19
16412	St. Clair	1719	1875	19	1	72	13
35738	St. Francois	3282	2949	12	2	441	40
10607	Ste. Genevieve	1043	1088	4	—	3	1
82417	St. Louis	10158	4510	2	4	512	72
687029	St. Louis city	73995	60665	43	97	4885	185
23448	Saline	2930	4175	10	2	33	25
9062	Schuyler	1008	1218	8	2	19	40
11869	Scotland	1273	1563	9	6	19	25
22372	Scott	1470	1845	6	3	627	17
11443	Shannon	852	1142	2	2	63	4
14864	Shelby	1298	2468	2	2	17	40
27807	Stoddard	2026	2728	2	2	276	35
11559	Stone	1576	483	1	1	127	3
18598	Sullivan	2390	2269	5	1	19	35
9134	Taney	1081	625	3	—	53	2
21458	Texas	1959	2327	7	6	61	18
29827	Vernon	2368	3679	6	6	170	54
9123	Warren	1712	485	6	—	42	5
13578	Washington	1753	1328	3	1	18	20
15181	Wayne	1549	1826	2	4	84	14
17377	Webster	1900	1751	37	3	75	63
9007	Worth	981	990	7	1	3	45
18315	Wright	2147	1460	5	—	58	10
	Total	347203	346574	1165	402	15431	4231
	Plurality	1026					
	Per cent	48.59	48.45	.16	.05	2.16	.59
	Total vote			713976			

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Adair, Clark, Knox, Lewis, Macon, Marion, Putnam, Schuyler, Scotland and Shelby.
   Walter A. Higbee, Rep. 15,572
   James T. Lloyd, Dem. 19,953
2. The counties of Carroll, Charlton, Grundy, Linn, Livingston, Monroe, Randolph and Sullivan.
   Ed F. Haley, Rep. 16,122
   W. W. Rucker, Dem. 21,090
3. The counties of Caldwell, Clay, Clinton, Daviess, DeKalb, Gentry, Harrison, Mercer, Ray and Worth.
   S. P. Davisson, Rep. 14,900
   J. W. Alexander, Dem. 19,213
4. The counties of Andrew, Atchison, Buchanan, Holt, Nodaway and Platte.
   W. K. Amick, Rep. 15,825
   Charles F. Booher, Dem. 20,231
5. The county of Jackson.
   Howard F. Lea, Rep. 23,982
   William P. Borland, Dem. 31,026
6. The counties of Bates, Cass, Cedar, Dade, Henry, Johnson and St. Clair.
   F. H. DeVol, Rep. 14,374
   C. C. Dickinson, Dem. 17,504
7. The counties of Benton, Greene, Hickory, Howard, Lafayette, Pettis, Polk and Saline.
   Holmes Hall, Rep. 21,951
   C. W. Hamlin, Dem. 22,433
8. The counties of Boone, Camden, Cole, Cooper, Miller, Moniteau, Morgan and Osage.
   R. A. Norfleet, Rep. 14,349
   Dorsey W. Shackleford, Dem. 16,642
9. The counties of Audrain, Callaway, Franklin, Gasconade, Lincoln, Montgomery, Pike, Ralls, St. Charles and Warren.
   Reuben F. Roy, Rep. 19,105
   Champ Clark, Dem. 23,124
10. The county of St. Louis and the 1st, 7th, 8th, 9th, 10th, 11th, 12th, 19th, 24th, 27th (precinct 11), 28th wards of the city of St. Louis.
    Richard Bartholdt, Rep. 53,298
    Charles J. Maurer, Dem. 28,054
11. The 2d, 3d, 16th, 17th, 18th, 20th, 21st, 26th, 27th (except precinct 11) wards of the city of St. Louis.
    Theron F. Catlin, Rep. 20,089
    Patrick F. Gill, Dem. 18,695
12. The 4th, 5th, 6th, 7th (only precinct 12), 12th (only precincts 11 and 12), 13th, 14th, 15th (except precincts 2, 3 and 4), 20th (only precinct 1), 21st (only precincts 1 and 2), 22d, 23d, 24th, 25th (only precincts from 1 to 6 inclusive), 28th (only precincts 1 and 2) wards of the city of St. Louis.
    L. C. Dyer, Rep. 15,965
    Thomas Kinney, Dem. 13,121
13. The counties of Bollinger, Carter, Iron, Jefferson, Madison, Perry, Reynolds, St. Francois, Ste. Genevieve, Washington and Wayne.

Politte Elvins, Rep.....15,386
Walter L. Hensley, Dem.....16,020

14. The counties of Butler, Cape Girardeau, Christian, Douglas, Dunklin, Howell, Mississippi, New Madrid, Oregon, Ozark, Pemiscot, Ripley, Scott, Stoddard, Stone and Taney.
Charles A. Crow, Rep.....22,463
Joseph J. Russell, Dem.....23,612

15. The counties of Barry, Barton, Jasper, Lawrence, McDonald, Newton and Vernon.
Charles H. Morgan, Rep.....20,543
J. A. Daugherty, Dem.....21,259

16. The counties of Crawford, Dallas, Dent, Laclede, Maries, Phelps, Pulaski, Shannon, Texas, Webster and Wright.
Arthur P. Murphy, Rep.....14,763
Thomas L. Rubey, Dem.....16,239

LEGISLATURE.	Senate.	House.	J.B.
Republicans	12	60	72
Democrats	22	82	104

STATE OFFICERS.

Governor—Herbert S. Hadley, Rep.
Lieutenant-Governor—Jacob F. Gmelich, Rep
Secretary of State—Cornelius Roach, Dem.
Auditor—John P. Gordon, Dem.
Treasurer—James Cowgill, Dem.
Attorney-General—Elliott Major, Dem.
Superintendent Instruction—W. P. Evans, Rep.

MONTANA (Population in 1910, 376,053).

COUNTIES. Population in 1910. (28)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Soc. Debs.	Ind. Hisgen.	Pro. Chafin.
6466 Beaverhead	937	739	70	1	2
3491 Broadwater	326	495	36	—	4
13962 Carbon	1205	844	247	5	17
28833 Cascade	1935	1888	451	7	32
17191 Choteau	1220	893	109	3	4
14123 Custer	967	531	84	4	8
2725 Dawson	927	439	77	4	10
12988 Deer Lodge	1377	1611	122	10	33

Population	Taft.	Bryan.	Debs.	Hisgen.	Chafin.
17385 Fergus	1529	1169	257	4	14
28785 Flathead	1838	1480	356	5	39
14079 Gallatin	1519	1485	160	3	52
2942 Granite	388	485	56	2	2
5601 Jefferson	546	726	109	3	20
21853 Lewis and Clark	2063	2062	303	15	18
3638 Lincoln (new)	—	—	—	—	—
7229 Madison	964	1079	52	7	13
4190 Meagher	495	314	17	2	3
23596 Missoula	1856	1780	341	6	41
10731 Park	1305	952	264	4	38
5904 Powell	599	560	34	10	7
11666 Ravalli	1045	859	209	3	57
7985 Rosebud	515	235	19	3	9
3713 Sanders	473	325	55	3	4
56848 Silver Bow	4618	6369	2189	380	285
4029 Sweet Grass	526	264	35	1	—
9546 Teton	622	358	46	3	2
13630 Valley	843	503	67	2	12
22944 Yellowstone	1803	1114	155	3	112
Total	32333	29326	5855	481	827
Plurality	3010				
Per cent	47.06	42.63	8.51	.64	1.20
Total vote		68784			

FOR REPRESENTATIVE IN CONGRESS, 1910.

Charles N. Pray, Rep.....32,519
Charles S. Hartman, Dem.....28,071
J. Frank Mable, Soc.....5,184

LEGISLATURE.	Senate.	House.	J.B.
Republicans	16	32	48
Democrats	12	42	54

STATE OFFICERS

Governor—Edwin L. Norris, Dem.
Lieutenant-Governor—W. R. Allen, Rep.
Secretary—A. N. Yoder, Rep.
Attorney-General—A. J. Galen, Rep.
Treasurer—E. E. Esselstyn, Rep.
Auditor—H. R. Cunningham, Rep.
Supt. Public Instruction—W. E. Harmon, Rep.

NEBRASKA (Population in 1910, 1,192,214).

COUNTIES. Population in 1910. (92)	GOV. 1910 Rep. Aldrich	Dem. Dahlman	PRESIDENT 1908 Rep. Taft.	Dem. Bryan	Pro. Chafin	Soc. Debs	GOVERNOR 1906 Rep. Sheldon	Pro. Sh'l'ab'g'r	Peo. S'tt'n	Soc. Taylor	PRESIDENT 1904 Rep. Roosevelt	Dem. Parker	Peo. Watson	Pro. Swallow	Soc. Debs
20300 Adams	2124	1888	1987	2337	119	92	1543	1773	126	43	2315	902	467	119	58
14003 Antelope	1909	890	1658	1455	66	29	1314	973	68	14	1813	351	509	99	27
1444 Banner	173	46	175	74	2	17	65	24	3	1	155	18	9	5	3
1672 Blaine	214	122	220	110	4	8	111	76	3	2	127	34	17	4	—
13145 Boone	1796	1086	1580	1583	40	12	1407	1024	136	17	1823	471	428	124	15
6131 Box Butte	598	487	600	684	19	29	471	404	13	16	668	218	71	20	25
8826 Boyd	946	606	954	891	34	27	714	628	31	36	1233	328	247	47	61
6083 Brown	642	384	588	526	15	42	458	278	14	21	587	130	74	8	26
21907 Buffalo	2659	1854	2526	2520	75	76	2000	1647	52	81	2554	730	642	94	94
12726 Burt	1690	1043	1880	1215	49	14	1640	912	42	22	2081	528	171	83	18
15403 Butler	1482	2031	1412	2129	41	17	1384	1508	83	19	1723	1278	281	97	12
19786 Cass	2218	1962	2440	2387	85	58	2363	1651	65	37	2711	1466	196	154	87
15191 Cedar	1890	1533	1627	1732	39	5	1170	1197	18	15	1797	1021	148	31	28
3613 Chase	544	179	400	338	34	3	211	335	9	1	329	111	74	13	—
10414 Cherry	1149	839	1048	1021	41	58	654	493	30	33	978	325	86	44	28
4551 Cheyenne	473	411	886	809	28	37	419	293	15	23	681	261	30	35	20
15729 Clay	2291	1365	1891	1939	95	31	1582	1467	70	22	2118	701	576	111	55
11610 Colfax	703	1249	1159	1267	21	36	845	754	18	36	1180	769	149	77	51
13782 Cuming	1023	1783	1284	1722	29	5	988	1340	18	9	1490	1245	61	25	8
25668 Custer	3507	1789	2788	2898	98	147	1999	1640	117	152	2658	509	1058	118	116
6564 Dakota	535	615	729	716	22	22	648	524	20	30	855	523	28	34	30
8254 Dawes	872	674	836	727	16	29	606	384	11	31	818	248	81	23	62
15961 Dawson	2118	1169	1737	1926	87	22	1274	1026	85	34	1712	457	437	129	48
1786 Deuel	248	134	526	392	12	8	236	155	7	2	399	108	36	4	5
11477 Dixon	1276	770	1257	1100	63	12	906	708	70	20	1524	575	141	82	34
22145 Dodge	2033	2360	2437	2664	109	49	1948	1958	42	45	2789	1643	87	93	82
168546 Douglas	9412	17241	14066	15583	266	798	9555	9325	74	693	15248	6806	279	255	3736
4098 Dundy	525	254	486	391	17	26	335	299	19	16	395	92	94	10	11
14674 Fillmore	1873	1641	1756	1989	40	24	1603	1469	35	39	1980	839	579	45	51
10303 Franklin	1221	1024	1083	1298	57	38	909	929	40	22	1269	473	362	46	19
8572 Frontier	1008	614	1098	847	55	54	785	586	36	44	993	189	353	29	46
12083 Furnas	1663	838	1400	1618	92	15	1113	1145	47	15	1569	336	479	78	23
30825 Gage	3059	2753	2721	3129	131	69	2849	1886	259	47	4304	1328	196	238	92
3538 Garden	390	244	—	—	—	—	—	—	—	—	—	—	—	—	—
3417 Garfield	390	250	368	363	10	23	322	200	12	11	406	84	94	4	14
4933 Gosper	521	410	499	634	32	3	318	399	17	15	548	154	212	24	9
1097 Grant	111	73	93	101	—	1	65	43	—	—	113	49	6	—	1
8047 Greeley	738	772	691	1072	14	39	593	732	12	29	896	447	185	20	53
20361 Hall	1963	2048	2241	2229	102	109	1833	1508	78	90	2908	813	271	93	129
13459 Hamilton	1995	1141	1633	1664	129	23	1292	1155	161	25	1845	548	410	161	39
9578 Harlan	1236	695	1051	1158	115	49	726	1285	150	20	1178	299	350	157	55
3011 Hayes	219	160	359	277	11	42	239	133	5	36	335	109	48	7	32
5415 Hitchcock	713	373	633	632	17	14	506	468	15	12	598	166	190	10	15
15545 Holt	1702	1323	1541	1777	99	63	1327	1414	69	55	1740	634	706	122	74
981 Hooker	112	80	100	91	3	3	54	36	5	1	72	29	8	2	—

Population	Aldrich	Dahlman	Taft	Bryan	Chafin	Debs	Sheldon	Sh'l'nb'g'r	S'tt'n	Taylor	Roosevelt	Parker	Watson	Swallow	Debs
10783 Howard	1071	992..	977	1435	40	31..	857	1068	26	26..	1259	448	401	42	32
16852 Jefferson	1552	1583..	1941	1787	77	39..	1573	906	109	54..	2067	662	122	126	128
10187 Johnson	1163	1035..	1357	1150	45	8..	1235	828	51	13..	1611	642	150	119	17
9106 Kearney	1357	645..	993	1174	121	28..	836	886	189	33..	1235	393	384	83	32
3692 Keith	369	318..	368	310	6	5..	189	202	2	4..	263	84	75	2	8
3452 Keyapaha	431	180..	422	354	18	49..	274	194	10	33..	448	97	129	10	37
1942 Kimball	264	72..	216	124	7	10..	77	33	—	2..	143	14	10	2	3
18358 Knox	1751	1739..	1871	2106	79	41..	1441	1257	66	65..	2163	826	328	91	71
73793 Lancaster	7677	5597..	7428	8540	400	85..	5754	3240	479	71..	8167	1981	663	552	178
15684 Lincoln	1594	990..	1541	1582	80	179:	965	687	44	115..	1449	326	223	50	218
1521 Logan	207	81..	140	155	10	8..	71	70	6	3..	100	22	34	4	20
2188 Loup	283	116..	248	170	10	32..	183	96	1	26..	223	23	69	—	20
19101 Madison	1749	1763..	2137	1878	40	14..	1512	1235	37	13..	2210	1050	157	53	49
2470 McPherson	279	137..	234	165	11	18..	78	53	2	5..	108	12	5	1	8
10379 Merrick	1268	966..	1133	1081	186	15..	948	760	113	7..	1275	400	242	155	15
4584 Morrill	538	252..													
8926 Nance	1122	659..	1082	926	45	6..	867	639	27	3..	1198	184	224	62	12
13095 Nemaha	1587	1187..	1583	1674	49	41..	1468	1140	80	32..	1946	784	290	114	73
13019 Nuckolls	1656	1017..	1519	1523	35	11..	1231	964	31	5..	1615	585	385	46	17
13823 Otoe	1870	2290..	2243	2411	71	18..	1940	1700	75	29..	2616	1421	168	104	137
10582 Pawnee	1334	930..	1468	1115	80	9..	1349	810	83	19..	1739	561	91	109	42
2570 Perkins	357	124..	264	265	1	3..	194	156	5	1..	179	57	85	4	2
10451 Phelps	1687	643..	1445	1238	116	29..	936	906	213	20..	1567	217	393	110	20
10122 Pierce	894	1162..	1067	1085	27	9..	769	713	9	18..	1122	454	97	89	39
19006 Platte	1522	2228..	1584	2457	67	8..	1047	2159	26	13..	1947	1510	158	61	22
10521 Polk	1545	788..	1171	1264	165	43..	902	930	185	28..	1235	239	630	179	36
11056 Red Willow	1155	782..	1242	1317	53	78..	914	642	36	41..	1373	305	257	61	74
17448 Richardson	2081	1854..	2123	2258	71	17..	1855	1731	76	29..	2354	1664	135	68	73
3627 Rock	465	171..	469	334	14	15..	390	195	13	7..	498	138	39	23	7
17866 Saline	1816	2217..	2048	2249	93	16..	1782	1512	80	30..	2390	1147	245	113	38
9274 Sarpy	761	1051..	912	1090	41	26..	722	796	26	23..	998	675	49	54	83
21179 Saunders	2374	2268..	2309	2679	91	32..	1859	1980	121	28..	2880	1094	582	180	56
8355 Scotts Bluff	915	366..	789	549	30	73..	508	232	718	61..	530	103	34	27	87
15895 Seward	1767	1751..	1930	2029	41	3..	1616	1484	58	4	2243	1029	279	80	10
7328 Sheridan	785	567..	709	733	34	43..	467	383	17	20..	673	172	182	40	27
8278 Sherman	875	606..	776	925	23	50..	620	673	19	47..	809	140	423	21	44
5599 Sioux	621	211..	516	464	24	11..	199	157	8	3..	247	111	24	13	3
7542 Stanton	671	734..	792	823	9	6..	593	641	17	3..	895	512	57	21	9
14775 Thayer	1504	1568..	1714	1706	53	23..	1494	1177	89	30..	1930	812	209	101	37
1191 Thomas	131	73..	95	130	2	7..	55	60	2	1..	86	39	11	2	3
8704 Thurston	748	677..	895	734	15	13..	466	501	9	10..	957	538	20	6	20
9480 Valley	1209	703..	1040	1045	51	10..	799	676	53	9..	1133	220	357	50	13
12738 Washington	1252	1241..	1592	1460	39	40..	1214	1087	29	45..	1868	794	104	38	96
10397 Wayne	1041	917..	1297	1055	23	10..	963	759	15	12..	1453	551	71	30	26
12008 Webster	1512	1055..	1408	1354	119	17..	1107	929	193	12..	1585	423	446	89	19
2292 Wheeler	225	100..	236	252	10	19..	154	141	3	11..	187	56	69	4	37
18721 York	2471	1421..	2209	2042	124	9..	1977	1379	159	9..	2529	753	426	211	22
Total	123070	107.60	126997	131099	5179	3524..	97858	84885	5106	2999..	138558	51876	20518	6323	7412
Plurality	15310	..	..	4102	..	..	12973	..	..	..	86682	..	..	..	..
Per cent	51.89	45.44..	47.60	49.13	1.97	1.20..	51.26	44.46	2.67	1.61..	61.67	23.08	9.13	2.82	3.30
Total vote	237135	..	..	266799	..	..	..	190848	..	..	..	..	224687	..	..

For governor in 1910, Lippincott, Soc., received 6,305 votes.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Cass, Johnson, Lancaster, Nemaha, Otoe, Pawnee and Richardson.
   J. A. Maguire, Dem.....16,501
   William Hawary, Rep.....15,763
   C. R. Oyler, Soc.....468
2. Counties of Douglas, Sarpy and Washington.
   C. O. Lobeck, Dem.....15,113
   Abraham L. Sutton, Rep.....15,002
   Peter Mehrens, Soc.....997
3. Counties of Antelope, Boone, Burt, Cedar, Colfax, Cuming, Dakota, Dixon, Dodge, Knox, Madison, Merrick, Nance, Pierce, Platte, Stanton, Thurston and Wayne.
   James P. Latta, Dem.....25,944
   John F. Boyd, Rep.....18,571
   H. F. J. Hockenburger, Pro.....491
4. Counties of Butler, Fillmore, Gage, Hamilton, Jefferson, Polk, Saline, Saunders, Seward, Thayer and York.
   Charles H. Sloan, Rep.....20,809
   Benjamin F. Good, Dem.....19,570
   A. H. Martin, Soc.....557
5. Counties of Adams, Chase, Clay, Dundy, Franklin, Frontier, Furnas, Gosper, Hull, Harlan, Hayes, Hitchcock, Kearney, Nuckolls, Perkins, Phelps, Red Willow and Webster.
   George W. Norris, Rep.....20,079
   R. D. Sutherland, Dem.....15,724
   John D. Stoddard, Pro.....802
   T. R. Elliott, Soc.....825
6. Counties of Banner, Blaine, Box Butte, Brown, Buffalo, Cheyenne, Cherry, Custer, Dawes, Dawson, Deuel, Garfield, Grant, Greeley, Holt, Hooper, Howard, Keith, Keyapaha, Kimball, Lincoln, Logan, Loup, McPherson, Rock, Scotts Bluff, Sheridan, Sherman, Sioux, Thomas, Valley and Wheeler.
   Moses J. Kinkaid, Rep.....24,325
   William J. Taylor, Dem.....20,697
   Fred D. Chase, Soc.....1,428
   Robert G. Ross, Pro.....634

LEGISLATURE.

	Senate.	House.	J. B.
Democrats	19	54	73
Republicans	14	46	60

STATE OFFICERS.

Governor—C. H. Aldrich, Rep.
Lieutenant-Governor—M. R. Hopewell, Rep.
Secretary of State—A. Wait, Rep.
Auditor—S. R. Barton, Rep.
Treasurer—W. A. George, Rep.
Attorney-General—G. G. Martin, Rep.

NEVADA (Population in 1910, 81,875).

Population in 1910.	COUNTIES. (15)	—GOV., 1910— Rep.	Dem.	Soc.	—PRESIDENT, 1908— Rep.	Dem.	Soc.	Ind.
		Oddie.	Dickerson.	Gegax.	Taft.	Bryan.	Debs.	Hisgen.
2811	Churchill	377	332	119..	380	382	56	12
3321	Clark	354	419	53..	—	—	—	—
1895	Douglas	217	233	10..	229	173	17	—
8133	Elko	854	899	77..	174	647	15	7
9695	Esmeralda	1543	1344	154..	2208	2287	632	157
1830	Eureka	232	120	8..	224	218	26	13
6825	Humboldt	783	911	159..	823	1009	194	28
1786	Lander	344	230	49..	259	276	34	7
3489	Lincoln	287	284	29..	690	868	139	18
3568	Lyon	479	352	78..	458	364	74	19
7513	Nye	1333	697	221..	1124	1219	333	97
3089	Ormsby	420	358	27..	350	343	52	6
3045	Storey	457	419	30..	447	402	54	12
17434	Washoe	1953	1394	149..	2053	1745	281	26
7441	White Pine	728	814	229..	786	722	122	13
	Total	10411	8796	1392..	10775	11212	2103	436
	Plurality	1615	..	..	441	..	..	..
	Per cent	50.54	42.70	6.76..	43.81	45.70	8.71	1.78
	Total vote	..	..	20599	..	..	23313	..

FOR REPRESENTATIVE IN CONGRESS, 1910.

E. E. Roberts, Rep. 10,056
Charles S. Sprague, Dem. 7,682
Ashley G. Miller, Soc. 2,409

LEGISLATURE.	Senate.	House.	J. B.
Republicans	7	25	32
Democrats	13	24	37

STATE OFFICERS.

Governor—Tasker L. Oddie, Rep.
Lieutenant-Governor—Gilbert C. Ross, Dem.
Secretary of State—George Brodigan, Rep.
Treasurer—William McMillan, Rep.
Controller—Jake Eggers, Rep.
Attorney-General—Cleveland H. Baker, Dem.

NEW HAMPSHIRE (Population in 1910, 430,572).

Population in 1910.	COUNTIES. (10)	—GOV. 1910— Rep. Bass.	Dem. Carr.	—PRES. 1908— Rep. Taft.	Dem. Bryan.	Soc. Debs.
21309	Belknap	2470	1993..	2916	1692	41
16316	Carroll	2221	1753..	2561	1591	14
30659	Cheshire	3396	2433..	4160	1917	232
30753	Coos	2806	2235..	3294	2216	65
41652	Grafton	4748	3706..	6322	3582	65
126072	Hillsborough	10725	10197..	12569	8701	295
53335	Merrimack	5717	5621..	6961	4846	282
52188	Rockingham	6119	4330..	6811	4118	161
38961	Strafford	4313	3826..	4822	3423	79
19337	Sullivan	2393	1643..	2758	1469	69
	Total	44908	37737..	53149	33655	1299
	Plurality	7171	..	19489		
	Per cent	53.51	44.89..	59.32	37.57	1.45
	Total vote	84116		89587		

For governor in 1910 Asa W. Drew, Soc., received 1,022 votes, and John C. Berry, Pro., 449. For president in 1908 Chafin, Pro., received 905 votes, and Hisgen, Ind., 584.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Belknap, Carroll, Rockingham, Strafford, Hillsborough (part) and Merrimack (part).
   Cyrus A. Sulloway, Rep. 20,941
   Eugene A. Reed, Dem. 20,093
   Albert J. Marden, Soc. 413
2. The counties of Cheshire, Coos, Grafton, Sullivan, Hillsborough (part) and Merrimack (part).
   Frank D. Currier, Rep. 21,639
   Henry H. Metcalf, Dem. 16,913
   Robert E. Thompson, Pro. 188
   William H. Wilkins, Soc. 659

LEGISLATURE.	Senate.	House.	J. B.
Republicans	16	218	234
Democrats	8	174	182

STATE OFFICERS. (All republicans.)

Governor—Robert P. Bass.
Secretary—E. N. Pearson.
Treasurer—Solon A. Carter.
Attorney-General—E. G. Eastman.

NEW JERSEY (Population in 1910, 2,537,167).

Population in 1910.	COUNTIES. (21)	—GOVERNOR 1910— Dem. Wilson.	Rep. Lewis.	Soc. Killingbeck.	—PRES. 1908— Rep. Taft.	Dem. Bryan.
71894	Atlantic	5253	9926	60..	8822	4577
138002	Bergen	12827	9791	474..	14042	7628
66565	Burlington	7042	6764	85..	9020	6274
142029	Camden	12385	14651	1132..	18999	10469
19745	Cape May	2182	2356	31..	2967	1553
55153	Cumberland	4424	5927	127..	6770	4521
512386	Essex	45279	31093	2822..	53087	30191
37368	Gloucester	4275	4088	135..	5318	3707
537231	Hudson	49809	23687	2306..	41967	39637
33569	Hunterdon	4818	2391	38..	5733	4737
125657	Mercer	11839	11692	600..	14941	9289
114426	Middlesex	10195	8301	21..	11261	7940
94734	Monmouth	12321	8932	111.	12519	9252
74701	Morris	7395	5856	272..	9089	5026
21318	Ocean	2798	2279	4..	3326	1634
215902	Passaic	11149	15890	1106..	17635	11961
39969	Salem	3069	3097	55..	3713	3173
38820	Somerset	4151	3405	21..	5043	3271
26781	Sussex	3190	1972	15..	2653	3214
140197	Union	13209	9895	1140..	15019	8806
43187	Warren	5472	2717	79..	3904	5662
	Total	235682	184626	10134..	265326	182567
	Plurality	49056			82776	
	Per cent	54.93	42.61	2.34	56.59	39.07
	Total vote	433292			468893	

For president in 1908, Debs, Soc., received 10,253 votes; Chafin, Pro., 4,934; Gillhaus, Soc. Lab., 1,196, and Hisgen, Ind., 2,922. For governor in 1910, Repp, Pro., received 2,818 votes, and Butterworth, Soc. Lab., 2,032.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Camden, Gloucester and Salem.
   Henry C. Loudenslager, Rep. 21,394
   Nowrey, Dem. 20,554
2. Counties of Cape May, Cumberland, Atlantic and Burlington.
   John J. Gardner, Rep. 22,861
   Hampton, Dem. 16,915
3. Counties of Middlesex, Monmouth and Ocean.
   Benjamin F. Howell, Rep. 20,060
   Thomas J. Scully, Dem. 24,657
4. Counties of Hunterdon, Somerset and Mercer.
   Ira W. Wood, Rep. 19,354
   Libbey, Dem. 19,089
5. Counties of Union, Morris and Warren.
   William E. Tuttle, Dem. 23,768
   Runyon, Rep. 20,675
6. Counties of Bergen, Passaic and Sussex.
   William Hughes, Dem. 29,458
   McClave, Rep. 25,301
7. Part of Essex county.
   Richard Wayne Parker, Rep. 17,756
   Edward W. Townsend, Dem. 21,962
8. Part of Essex county.
   William H. Wiley, Rep. 16,847
   Walter I. McCoy, Dem. 19,364
9. Part of Hudson county.
   Eugene F. Kinkead, Dem. 23,784
   Record, Rep. 13,390
10. Part of Hudson county.
    James A. Hamill, Dem. 26,266
    Teibel, Rep. 10,104

LEGISLATURE.	Senate.	House.	J. B.
Republicans	12	18	30
Democrats	9	42	51

STATE OFFICERS.

Governor—Woodrow Wilson, Dem.
Secretary—S. D. Dickinson, Rep.
Treasurer—Dan S. Voorhees, Rep.
Comptroller—Henry J. West, Rep.

NEW MEXICO (Population in 191 6)

Population in 1910.	COUNTIES. (26)	DELEGATE 1908. Rep. Andrews	Dem. Lar'zolo	Soc. Metcalf	DELEGATE 1906 Rep. Andr's	Dem. Lar'zolo	Soc. Metcalf
23606	Bernalillo	2440	1730	128..	2235	1976	78
16850	Chaves	859	1421	137..	467	1157	2
16460	Colfax	1551	1603	31..	2182	1412	9
11443	Curry	....	....	....	....	....	....
12893	Dona Ana	1200	1021	4..	1059	852	—
12400	Eddy	285	969	17..	321	914	—
14813	Grant	871	1363	2..	783	1220	—
10927	Guadaloupe	977	1069	2..	660	827	—
7822	Lincoln	763	709	14..	623	548	2
8913	Luna	223	343	20..	182	343	—
12963	McKinley	395	269	7..	294	218	5
12611	Mora	1400	1188	7..	1006	1156	—
7069	Otero	627	732	130..	613	741	4
14912	Quay	1043	1585	151..	348	569	47
16719	Rio Arriba	1496	1738	—..	1323	1554	—
12064	Roosevelt	942	1707	196..	246	877	42
8579	Sandoval	877	214	..	829	191	—
8504	San Juan	478	606	60..	411	547	—
22930	San Miguel	2890	2186	28..	1945	2728	—
14770	Santa Fe	1621	1333	4..	1280	1226	16
3536	Sierra	384	496	7..	394	399	6
14761	Socorro	1610	1467	5..	1648	1029	—
12008	Taos	1183	942	—..	1176	814	—
10119	Torrance	681	1069	106..	603	291	—
11404	Union	1527	1166	—..	710	916	—
13320	Valencia	1482	291	2..	1577	168	—
	Total	27605	27217	1056..	22915	22649	211
	Plurality	388	..	..	266	..	..
	Per cent	49.42	48.70	1.88..	50.06	49.49	.45
	Total vote	..	55878	..	..	45775	..

No election in 1910 pending admission to statehood.

LEGISLATURE.	Senate.	House.	J. B.
Republicans	9	20	29
Democrats	3	4	7

TERRITORIAL OFFICERS.
(Republican.)

Governor—William J. Mills.
Secretary—Nathan Jaffa.
Treasurer—J. H. Vaughn.

Attorney-General—James M. Hervey.
Auditor—W. G. Sargent.
Superintendent Public Instruction—James E. Clark.

Commissioner of Public Lands—Robert P. Ervien.
Adjutant-General—A. P. Tarkington.
Librarian—Anita J. Chapman.

NEW YORK (Population in 1910, 9 113 279).

Population in 1910	COUNTIES. (61)	GOVERNOR 1910 Rep. Stimson	Dem.	Ind. Hafer.	Soc. Russell.	Pro. M'Nich'l	S.L. Passanno.	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Ind. Hisgen.	Soc. Debs.	Pro. Chafin.	S.L. Gilbaus.
173666	Albany	20499	20410	371	457	163	101..	24763	18732	358	205	179	39
41412	Allegany	4969	2964	50	232	695	26..	7504	3390	51	46	397	21
78809	Broome	7658	6055	191	358	1155	55..	10705	6671	102	99	824	7
65919	Cattaraugus	6352	5000	103	506	475	60..	9320	6096	79	281	571	24
67106	Cayuga	6909	5890	80	843	281	133..	9699	5789	79	595	401	61
105126	Chautauqua	10556	4898	106	1232	716	121..	15739	6158	81	988	947	72
54662	Chemung	4700	6467	187	264	458	60..	7410	5936	196	80	265	35
35575	Chenango	4296	3444	40	88	610	14..	5949	3772	50	67	485	19
48230	Clinton	4565	4329	37	52	297	10..	5474	3866	51	54	399	12
43658	Columbia	4311	4896	128	33	115	20..	5726	5097	122	16	138	10
29249	Cortland	3372	2350	35	29	812	17..	5000	2613	31	12	421	6
45575	Delaware	5121	4920	66	69	319	16..	7142	4641	57	21	386	8
87661	Dutchess	8800	9016	206	111	263	37..	11132	8961	223	73	358	28
528965	Erie	36789	40715	516	2760	499	761..	52182	45185	249	1234	563	247
33458	Essex	3447	2789	68	126	97	15..	5167	2033	94	60	114	11
45717	Franklin	4065	2898	54	22	298	32..	5999	2935	58	21	307	35
44534	Fulton	4840	3851	108	828	390	86..	6574	3508	188	565	408	99
37615	Genesee	4131	2897	132	33	327	33..	5794	3171	93	14	222	12
30214	Greene	2963	3980	60	51	246	18..	4191	3711	72	63	265	11
4373	Hamilton	420	690	3	5	51	—..	632	586	2	1	41	2
56356	Herkimer	6332	5862	50	393	186	34..	8202	5918	136	156	243	24
80297	Jefferson	8153	6547	168	558	1050	63..	11477	6694	171	436	974	61
1634551	Kings	81467	106737	13852	9315	479	721..	119791	96756	10448	8422	580	625
24849	Lewis	2682	2739	9	14	519	5..	4159	2810	13	13	155	5
38037	Livingston	4033	3606	43	18	377	9..	5700	3567	29	14	224	8
39289	Madison	5116	3746	46	216	884	33..	6727	3637	46	141	410	17
283212	Monroe	26456	21111	454	2098	594	218..	33250	22704	384	1521	675	115
57567	Montgomery	5962	5873	139	112	127	29..	7571	5254	180	58	188	27
83930	Nassau	7222	7741	431	88	176	13..	9787	4883	613	86	135	21
2762522	New York	97233	165919	20265	15609	377	1445..	154958	160261	14125	15599	507	1162
92036	Niagara	8941	8619	65	281	879	67..	11145	8574	52	95	455	35
154157	Oneida	14641	15523	414	452	483	155..	19346	14968	210	250	571	92
200298	Onondaga	21366	16514	267	2132	949	209..	2:209	16643	175	1116	1069	143
52286	Ontario	6020	5263	26	135	152	17..	8245	5484	29	82	190	10
115751	Orange	10982	10718	303	204	239	43..	14414	9898	358	194	354	38
32000	Orleans	3759	2553	56	32	275	11..	4885	2590	64	27	231	43
71664	Oswego	8323	5822	56	82	975	39..	10447	6172	51	76	1176	23
47216	Otsego	5875	5596	46	40	376	23..	7459	5075	57	24	442	20
14665	Putnam	1662	1524	50	8	26	5..	2275	1369	52	4	43	5
284041	Queens	15970	22283	4715	2332	103	139..	19420	20342	2284	1751	118	93
122276	Rensselaer	13989	13730	905	522	243	106..	17196	13162	336	224	336	57
85969	Richmond	5057	8050	753	234	148	43..	6831	7401	523	193	104	32
46873	Rockland	3016	4380	209	109	98	13..	4857	3937	202	88	129	14
89005	St. Lawrence	10027	5717	69	538	503	46..	14151	5898	172	61	543	24
61917	Saratoga	6524	7084	83	325	323	58..	8706	6518	136	155	437	34
88235	Schenectady	7080	6576	344	2628	344	265..	9944	7129	249	1116	296	134
23855	Schoharie	2945	3621	20	6	218	5..	3393	3841	23	5	240	2
14004	Schuyler	1877	1792	6	19	142	2..	2417	1695	8	16	133	1
26972	Seneca	2951	3028	30	48	155	5..	3749	3136	26	54	131	5
83362	Steuben	8317	8008	135	397	666	25..	12313	8366	111	237	809	23
96138	Suffolk	7247	7330	475	310	239	26..	10689	6877	497	283	355	29
33808	Sullivan	3305	3982	57	70	124	13..	4593	3911	40	55	139	8
25624	Tioga	3016	2680	24	41	219	5..	4247	2706	22	45	224	8
33647	Tompkins	3813	3552	29	101	565	17..	5090	3734	25	50	324	9
91769	Ulster	9054	9090	176	66	391	13..	10475	8560	204	107	366	28
32223	Warren	4126	3605	33	127	218	20..	4800	3019	70	60	229	12
47778	Washington	6110	4117	79	98	334	17..	7933	3593	109	110	323	19
50179	Wayne	6138	4447	46	42	265	12..	8008	4404	46	56	257	6
283055	Westchester	22331	21981	1247	950	283	118..	29438	18346	1237	923	376	102
31880	Wyoming	3790	2310	38	38	229	14..	5308	2885	42	28	246	8
18642	Yates	2468	1868	18	54	90	4..	3275	1927	19	30	109	11
	Total	622299	689700	48470	48529	22295	5717..	870070	667468	35817	38451	22667	3877
	Plurality		67663					202602					
	Per cent	43.34	48.06	3.35	3.36	1.51	.38..	53.43	40.98	2.14	1.88	1.30	.20
	Total vote		1445249					..		1638350			

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Suffolk and Nassau and the 3d, 4th and 5th wards of the Borough of Queens, in Queens county.
   William W. Cocks, Rep. 21,826
   Martin W. Littleton, Dem. 26,609
   Timothy, Walsh, Soc. 640
   O. H. Northrup, Pro. 451
2. Borough of Brooklyn (14th, 15th, 16th, 17th, 18th and part of 27th wards).
   George H. Lindsay, Dem. 14,248
   Ladislaus W. Schwenk, Rep. 8,304
   Paul Muller, Soc. 1,428
   James B. Davis, Pro. 107
3. Borough of Brooklyn (13th, 19th, 21st, part of 27th and part of 23d wards).
   Alfred J. Hobley, Rep. 14,570
   James Maher, Dem. 15,432
   John J. Jennings, Soc. 1,806
   H. H. Terry, Pro. 130
4. Borough of Brooklyn (26th, 28th, 31st, 32d and part of 25th wards).
   Charles B. Law, Rep. 20,295
   Frank E. Wilson, Dem. 20,675
   Barrett Wolff, Soc. 3,257
   George H. Warwick, Pro. 103
5. Borough of Brooklyn (8th, 24th, 29th, 30th and part of the 23d and 25th wards).
   Warren J. Lee, Rep. 22,576

William H. Redfield, Dem.....26,220
Bernard J. Riley, Soc..... 1,731

6. Borough of Brooklyn (7th, 9th, 20th, 22d and part of the 11th wards).
William M. Calder, Rep.....17,249
Michael E. Butler, Dem.....16,805
William W. Passage, Soc..... 455
James W. Manson, Pro..... 68
E. T. O'Loughlin, Ind. Lab..... 946

7. Borough of Brooklyn (1st, 2d, 3d, 4th, 5th, 6th, 10th, 12th and part of 11th wards).
John J. Fitzgerald, Dem.....16,847
William R. A. Koehl, Rep..... 7,748
Charles H. Matchett, Soc..... 371
Morris H. Smith, Pro..... 50

8. County of Richmond (Staten Island) and part of lower New York city.
Daniel J. Riordan, Dem.....12,721
George H. Husch, Rep..... 3,225
Robert McMahon, Ind. Lab..... 778
I. Dettelbaum, Soc..... 307
B. F. Funk, Pro..... 29

9. Part of New York city.
Henry M. Goldfogle, Dem.....4,606
Jacob W. Block, Rep.....1,850
Meyer London, Soc.....3,332
John S. Conroy, Pro..... 56

10. Part of New York city.
William Sulzer. Dem.....9,850
Anthony McCabe, Rep.....4,807
John Mullen, Soc.....1,694
Timothy N. Holden, Pro..... 11

11. Part of New York city.
Charles V. Fornes, Dem.....17,384
Henry H. Curran, Rep.....10,171
Richard Meade, Soc..... 786
James H. Duffy, Pro..... 73

12. Part of New York city.
Michael F. Conroy, Dem.....14,376
Peter R. Gatens, Rep..... 7,467
Joseph Wilson, Soc..... 1,049
Thomas D. Stetson, Pro..... 21

13. Part of New York city.
Herbert Parsons, Rep..... 9,951
Jefferson M. Levy, Dem.....11,539
Andrew Govan, Ind. Lab..... 958
A. D. Chapman, Soc..... 389
E. M. Smith, Pro..... 56

14. Part of New York city and part of Long Island City and Newtown, in Queens county.
Victor H. Duras, Rep.....4,561
John J. Kindred, Dem.....7,755
William F. Ehret, Soc.....1,545
Joseph H. Ralph, Pro..... 12

15. Part of New York city.
William M. Bennett, Rep.....11,152
Thomas G. Patten, Dem.....13,838
John J. Flanagan, Soc..... 430
Edward A. Packer, Pro..... 23

16. Part of New York city.
Francis B. Harrison, Dem.....10,450
Samuel B. Thomas, Rep..... 6,518
George T. Miner, Soc..... 2,012
James F. Gillespie, Pro..... 18

17. Part of New York city.
William S. Bennett, Rep.....26,010
Henry George, Jr., Dem.....28,306
George Oberdorfer, Soc..... 1,445
Charles H. Simmons, Pro..... 88

18. Part of New York city.
Gottlieb Haneke, Rep.....27,607
Steven B. Ayres, Dem.....33,600
Joshua Wanhope, Soc..... 4,354
William A. Mapes, Pro..... 111

19. County of Westchester.
John E. Andrus, Rep.....23,140
Cornelius A. Pugsley, Dem.....22,247
Alfred E. Dixon, Soc..... 929
Charles A. Brady, Pro..... 286

20. Counties of Sullivan, Orange and Rockland.
Thomas W. Bradley, Rep.....19,363
John Bigelow, Jr., Dem.....17,307
Charles L. Dedrick, Soc..... 425
William A. White, Pro..... 401

21. Counties of Greene, Columbia, Putnam and Dutchess.
Hamilton Fish, Rep.....18,315
Richard E. Connell, Dem.....18,832
David S. Slater, Pro..... 677

22. Counties of Rensselaer and Washington.
William H. Draper, Rep.....14,225
Elisha C. Tower, Dem.....13,430
Merritt F. Lee, Ind. Lab..... 309
William Nugent, Soc..... 534
Fred W. Hewitt, Pro..... 263

23. Counties of Albany and Schenectady.
Henry S. De Forest, Rep.....28,218
Curtis, N. Douglas, Dem.....26,288
G. H. Houghton, Ind. Lab..... 704
H. A. Simmons, Soc..... 2,978
E. M. Sipperley, Pro..... 563

24. Counties of Delaware, Otsego, Ulster and Schoharie.
George W. Fairchild, Rep.....23,636
George M. Palmer, Dem.....22,418
Newton Youngs, Pro..... 1,347

25. Counties of Fulton, Hamilton, Montgomery, Warren and Saratoga.
Cyrus Durey, Rep.....21,442
Theron Akin, Dem.....21,189
R. F. Stone, Pro..... 1,311

26. Counties of Clinton, Essex, Franklin and St. Lawrence.
George Malby, Rep.....21,980
Thomas Cantwell, Dem.....15,584
E. H. Gleason, Ind. Lab..... 223
F. G. Thomas, Soc..... 365
George B. Humphrey, Pro..... 1,293

27. Counties of Herkimer and Oneida.
Charles S. Millington, Rep.....20,242
Charles A. Talcott, Dem.....22,395
A. L. Byron-Curtis, Soc..... 798
F. W. Barnacle, Pro..... 737

28. Counties of Jefferson, Lewis and Oswego.
Luther W. Mott, Rep.....18,845
George W. Reeves, Dem.....15,629
Thomas H. Lynch, Soc..... 643
Charles F. Simpson, Pro..... 2,514

29. Counties of Onondaga and Madison.
Michael E. Driscoll, Rep.....26,589
Henry E. Wilson, Dem.....20,281
George L. Casler, Soc..... 2,375
William G. Morrell, Pro..... 1,418

30. Counties of Broome, Chenango, Tioga, Tompkins and Cortland.
John W. Dwight, Rep.....21,789
Ira A. Hix, Dem.....18,021
Charles A. Brown, Soc..... 325
Frank DeW. Reese, Pro..... 3,521

31. Counties of Cayuga, Ontario, Wayne and Yates.
Sereno E. Payne, Rep.....21,121
John Colmey, Dem.....17,728
Preston Wright, Soc..... 1,099
Delos J. Cotten, Pro..... 819

32. County of Monroe.
Henry G. Danforth, Rep.....26,375
George P. Decker, Dem.....21,726
W. B. Fallisor, Ind. Lab..... 437
Herbert E. Striker, Pro..... 2,106

33. Counties of Chemung, Schuyler, Seneca and Steuben.
J. Sloat Fassett, Rep.....17,556
Edwin S. Underhill, Dem.....19,517
Emmett D. Hees, Ind. Lab..... 348
James T. Agan, Soc..... 663
M. C. Beardsley, Pro..... 1,388

34. Counties of Genesee, Livingston, Niagara, Orleans and Wyoming.
James S. Simmons, Rep.....25,051
Eliot W. Horton, Dem.....19,307
Frederick Hart, Ind. Lab..... 366
William Van R. Blighton, Pro..... 1,678

35. City of Buffalo (1st, 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th and 18th wards).
Samuel A. Driscoll, Dem.....21,727
Patrick J. Keeler, Rep.....14,605
Samuel T. Leary, Soc..... 1,713
Joseph A. Dixon, Pro..... 128

36. City of Buffalo (17th, 19th, 20th, 21st, 22d, 23d, 24th and 25th wards) and the 7th and 8th assembly districts of Erie county.
D. S. Alexander, Rep.....20,684
Charles B. Smith, Dem.....20,865
William G. Roberts, Soc..... 978

37. Counties of Allegany, Cattaraugus and Chautauqua.
Edward B. Vreeland, Rep.....20,530
J. W. Sanbury, Dem.....13,857
G. J. Klebsattel, Soc.....1,719
A. A. Amidon, Pro.....2,099

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	20	66	86
Democrats	30	84	114
Independent	1	—	1

STATE OFFICERS.

Governor—John A. Dix, Dem.
Lieutenant-Governor—Thomas F. Conway, Dem.
Secretary—Edward Lazansky, Dem.
Attorney-General—Thomas Carmody, Dem.
Controller—William Sohmer, Dem.
Treasurer—John J. Kennedy, Dem.

NORTH CAROLINA (Population in 1910, 2,206,287).

Population in 1910.	COUNTIES. (98)	PRESIDENT 1908 Dem. Bryan.	Rep. Taft.	Soc. Debs.	Pro. Chafin.
28712	Alamance	2113	2186	3	31
11592	Alexander	793	1074	—	—
7745	Alleghany	633	574	—	—
25465	Anson	1490	301	—	—
19074	Ashe	1639	1674	—	2
30877	Beaufort	1828	1304	2	29
23039	Bertie	1258	360	—	—
18006	Bladen	1132	660	—	—
14432	Brunswick	607	841	—	—
49798	Buncombe	3506	3574	54	8
21408	Burke	1310	1358	—	—
26240	Cabarrus	1610	1821	—	—
20579	Caldwell	1413	1745	—	2
5640	Camden	398	164	—	—
13776	Carteret	1152	1061	—	—
14858	Caswell	820	573	—	2
27918	Catawba	1864	2010	2	35
22935	Chatham	1521	1493	—	2
14136	Cherokee	782	1310	—	—
11903	Chowan	621	213	—	—
3909	Clay	349	321	1	8
29494	Cleveland	2282	1450	1	—
28020	Columbus	1845	1381	—	—
25594	Craven	1399	447	—	—
35284	Cumberland	1832	1311	—	—
7693	Currituck	701	68	—	—
4841	Dare	416	370	—	—
29404	Davidson	2126	2341	4	20
13394	Davie	780	1184	—	4
25442	Duplin	1508	1224	—	—
35276	Durham	1859	1822	3	6
32010	Edgecombe	1753	451	—	—
47311	Forsyth	2472	2883	131	22
24692	Franklin	1984	560	—	—
37063	Gaston	2398	970	8	32
10455	Gates	653	337	—	—
4749	Graham	418	465	—	1
25102	Granville	1561	733	—	1
13083	Greene	876	538	—	—
60497	Guilford	3822	2863	23	14
37646	Halifax	2165	380	—	—
22174	Harnett	1501	1047	1	4
21020	Haywood	1952	1304	2	—
16262	Henderson	917	1602	—	—
15436	Hertford	839	353	—	—
8840	Hyde	662	223	—	—
34315	Iredell	2465	1803	1	5
12998	Jackson	1022	1086	2	—
41401	Johnston	2593	2827	—	—
8721	Jones	585	315	—	—
11376	Lee	882	562	—	—
22769	Lenoir	1308	966	3	—
17132	Lincoln	1222	1217	—	—
12191	Macon	927	1045	—	—
20132	Madison	862	2027	—	—
17797	Martin	1338	421	—	—
13538	McDowell	950	1000	—	4
67031	Mecklenburg	3926	1646	4	26
17245	Mitchell	550	1808	—	—
14967	Montgomery	1008	1086	—	2
17010	Moore	1109	1077	12	7
35727	Nash	1678	1334	—	—
32037	New Hanover	1857	511	—	—
22323	Northampton	1726	186	—	—
14125	Onslow	870	710	—	—
15064	Orange	1017	1072	—	—
9966	Pamlico	628	501	26	—
16693	Pasquotank	929	404	—	—
15471	Pender	930	373	—	—
11054	Perquimans	568	502	—	—
17356	Person	750	969	—	—
36340	Pitt	2419	889	—	3
7640	Polk	511	621	—	—
29491	Randolph	2472	2678	—	—
19673	Richmond	1029	462	—	—
51945	Robeson	2696	1300	—	—
36442	Rockingham	1887	2007	14	7
37521	Rowan	2392	2009	35	26
28385	Rutherford	1978	1765	—	3
29982	Sampson	1355	2463	—	5
15363	Scotland	714	85	—	—
19909	Stanly	1491	1685	—	—
20151	Stokes	1061	1710	5	—
29705	Surry	1709	2870	—	6
10403	Swain	602	931	—	—
7191	Transylvania	570	611	—	—
5219	Tyrrell	312	305	—	—
33277	Union	2029	853	—	—
19425	Vance	1121	642	—	—
63229	Wake	3713	2061	—	9
20266	Warren	1066	286	—	—
11062	Washington	495	566	—	—
13556	Watauga	962	1313	—	—
35698	Wayne	2207	1508	—	11
30282	Wilkes	1559	3382	—	8
28269	Wilson	1732	1074	—	—
15428	Yadkin	597	1644	—	18
12072	Yancey	978	950	—	—
	Total	136995	114824	378	360
	Plurality	22104			
	Per cent	54.24	45.49	.14	.13
	Total vote		252449		

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Beaufort, Camden, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Martin, Pasquotank, Perquimans, Pitt, Tyrrell and Washington.
John H. Small, Dem.....11,544
Henry T. King, Rep.....3,721

2. Counties of Bertie, Edgecombe, Greene, Halifax, Lenoir, Northampton, Warren and Wilson.
Claude Kitchin, Dem.....10,749
R. H. Norfleet, Rep.....1,867

3. Counties of Carteret, Craven, Duplin, Jones, Onslow, Pamlico, Pender, Sampson and Wayne.
John M. Faison, Dem.....10,428
George E. Butler, Rep.....7,505

4. Counties of Chatham, Franklin, Johnston, Nash, Vance and Wake.
Edward W. Pou, Dem.....13,728
R. A. P. Cooley, Rep.....7,110

5. Counties of Alamance, Caswell, Durham, Forsyth, Granville, Guilford, Orange, Person, Rockingham and Stokes.
Charles M. Stedman, Dem.....20,392
David H. Blair, Rep.....17,060

6. Counties of Bladen, Brunswick, Columbus, Cumberland, Harnett, New Hanover and Robeson.
H. P. Godwin, Dem.....10,806
Iredell Meares, Rep.....4,257

7. Counties of Anson, Davidson, Davie, Montgomery, Moore, Randolph, Richmond, Scotland, Union and Yadkin.
Robert N. Page, Dem.....14,367
John J. Parker, Rep.....11,006

8. Counties of Alexander, Alleghany, Ashe, Cabarrus, Caldwell, Iredell, Rowan, Stanly, Surry, Watauga and Wilkes.
Robert L. Doughton, Dem.....16,560
Charles H. Cowles, Rep.....15,801

9. Counties of Burke, Catawba, Cleveland, Gaston, Lincoln, Madison, Mecklenburg, Mitchell and Yancey.
E. Y. Webb, Dem.....16,574
S. S. McNinch, Rep.....11,332

10. Counties of Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Polk, Rutherford, Swain and Transylvania.
James M. Gudger, Jr., Dem.....15,901
John G. Grant, Rep.....14,771

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	10	24	34
Democrats	40	96	136

STATE OFFICERS.
(All democrats.)

Governor—W. W. Kitchin.
Lieutenant-Governor—W. C. Newland.
Secretary—J. Bryan Grimes.
Auditor—B. F. Dixon.
Treasurer—B. R. Lacy.

NORTH DAKOTA (Population in 1910, 577,056).

COUNTIES. (48)	Population in 1910.	GOV. 1910 Rep. Johnson.	Dem. Burke.	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Soc. Debs.	Pro. Chafin.	Ind. Hisgen.
Adams	5407	454	264	577	201	21	19	1
Barnes	18066	1204	1452	1815	1002	35	60	1
Benson	12081	846	986	1363	553	30	64	—
Billings	10186	1194	576	768	236	21	17	—
Bottineau	17295	1313	1464	1951	1146	140	44	1
Bowman	4668	393	366	452	209	15	7	—
Burke		519	653	—	—	—	—	—
Burleigh	19087	1232	1020	1375	900	37	17	—
Cass	33935	2476	2794	3685	2003	94	107	6
Cavalier	15659	1313	1403	1529	1191	32	24	2
Dickey	9839	640	818	1062	633	30	17	—
Dunn	5302	469	328	373	199	8	1	—
Eddy	4800	322	566	540	208	6	16	1
Emmons	9796	789	709	951	618	14	10	—
Foster	5313	474	567	570	434	6	7	—
G'nd Forks	23888	1956	2515	2741	1750	153	130	—
Griggs	10274	444	655	606	493	18	51	—
Hettinger	6557	—	—	568	182	9	10	—
Kidder	5962	489	353	769	251	26	24	—
LaMoure	10724	799	1023	1104	553	19	29	1
Logan	6168	501	259	711	143	16	3	—
McHenry	17627	1367	1557	1772	1296	55	33	—
McIntosh	7251	526	421	928	140	4	53	—
McKenzie	5720	1367	1557	574	212	46	7	—
McLean	14578	1085	907	2273	956	98	51	2
Mercer	4665	365	281	430	90	2	3	—
Morton	25289	1843	1316	2021	873	67	14	1
Mountrail	8491	1090	887	—	—	—	—	—
Nelson	10140	870	728	1226	616	60	17	2
Oliver	3577	349	258	325	179	3	13	—
Pembina	14749	1340	1636	1389	1135	17	50	2
Pierce	9740	555	926	884	609	28	18	—
Ramsey	15199	1033	1368	1496	1072	72	27	2
Ransom	10345	961	675	1308	581	11	36	1
Renville		748	950	—	—	—	—	—
Richland	19659	1700	1759	1864	1502	14	60	1
Rolette	9558	460	1062	811	529	99	24	3
Sargent	9202	805	770	1012	576	38	20	—
Stark	12504	812	765	922	496	19	7	2
Sheridan	8103	752	596	—	—	—	—	—
Steele	7616	617	496	881	360	17	18	—
Stutsman	18189	1092	1729	1777	1344	24	45	3
Towner	8965	742	828	867	655	10	18	1
Traill	12545	963	739	1207	490	33	97	1
Walsh	19491	1378	1889	1751	1641	117	30	1
Ward	42185	1730	1770	5290	3165	565	194	5
Wells	11814	803	1078	1244	535	22	26	1
Williams	20249	1663	1898	1979	1035	223	38	3
Total		44843	47615	57680	32885	2421	1553	43
Plurality			2772	24806				
Per cent		48.50	51.50	60.97	34.77	2.56	1.65	.05
Total vote			92458			94700		

FOR REPRESENTATIVES IN CONGRESS, 1910.

L. B. Hanna,* Rep. 49,198
H. T. Helgesen,* Rep. 48,048
Casey, Dem. 24,795
Hildreth, Dem. 24,354
*Elected.

LEGISLATURE.

The legislature contains 132 republicans, 17 democrats and 1 socialist.

STATE OFFICERS.

Governor—John Burke, Dem.
Lieutenant-Governor—R. S. Lewis, Rep.
Secretary of State—Alfred Blaisdell, Rep.
Treasurer—G. L. Bickford, Rep.
Attorney-General—Andrew Miller, Rep.

OHIO (Population in 1910, 4,767,121).

COUNTIES. (88)	Population in 1910.	GOVERNOR, 1910 Dem. Harmon	Rep. Harding.	Soc. Clifford.	Pro. Thom'son.	S. L. Malley	Rep. Taft.	PRES. 1908 Dem. Bryan.	Rep. Roosevelt.	PRESIDENT 1904 Dem. Parker.	Pro. Swallow.	Soc. Debs.	S.L. Cor'gan.	Peo. Watson
Adams	24755	3243	3214	39	54	1	3432	3048	3252	2796	177	23	4	4
Allen	56580	5837	3825	709	63	60	5841	7195	6091	4980	223	270	13	26
Ashland	22975	3322	1808	191	47	9	2804	3627	2747	2996	342	24	1	3
Ashtabula	58547	3187	4385	738	109	38	8213	3572	8906	1647	331	785	42	24
Athens	47798	3151	4054	646	104	50	6449	3654	6362	1594	259	95	63	13
Auglaize	31246	3672	1802	430	34	17	3001	4622	3049	3619	107	48	4	4
Belmont	76856	6552	5388	1459	219	—	8193	7750	8170	4801	593	776	42	14
Brown	24832	3615	2175	—	—	—	2638	4242	2750	3590	96	17	—	5
Butler	70271	7546	3919	2523	68	132	7320	9678	7048	7397	170	720	147	29
Carroll	15761	1521	1860	66	57	4	2517	1590	2695	1278	142	20	7	1
Champaign	26351	2992	3190	79	45	6	4153	3160	4192	2336	189	23	7	16
Clark	66435	7661	5565	783	104	42	8917	6529	9355	4565	346	764	58	16
Clermont	29551	4138	3043	141	42	5	4137	4150	4707	3359	114	134	15	15
Clinton	23680	2394	3349	53	39	5	4107	2464	3367	1826	202	9	2	8
Columbiana	76619	5295	5215	1640	485	51	9626	6736	11571	4206	932	445	43	19
Coshocton	30121	3934	2922	464	83	7	3600	4106	3715	3545	164	84	1	4
Crawford	34036	5450	2141	315	33	17	3061	6006	3314	4493	123	347	21	8
Cuyahoga	637425	45197	20424	5873	265	519	56344	39954	57367	24202	882	8017	774	94
Darke	42933	5511	4105	102	154	7	4951	6391	5203	5030	251	54	1	23
Defiance	24498	3288	1835	170	34	13	2531	3754	3032	3216	86	35	5	18
Delaware	27182	3472	3177	131	141	3	4007	3330	4163	2607	257	51	1	19
Erie	38327	5371	3239	188	28	13	5366	4988	5764	3648	113	247	38	15
Fairfield	39201	5023	2806	297	85	12	4023	5821	4084	4632	263	29	4	12
Fayette	21744	2385	2549	81	42	5	3343	2451	3331	1880	91	15	2	13
Franklin	221567	18171	15590	10714	349	424	28914	23314	27439	15502	739	774	113	55
Fulton	23914	1972	2512	117	34	3	3008	2131	3593	1448	119	30	—	8
Gallia	25745	2206	2914	100	36	8	3914	2171	3880	1742	95	16	3	11
Geauga	14670	978	1467	30	24	4	2596	982	2762	544	60	20	2	12
Greene	29733	2568	3672	199	53	13	4902	2882	5043	2004	151	273	10	3
Guernsey	42716	3690	4022	840	77	17	5210	3449	5427	2448	518	212	11	14
Hamilton	460732	52531	43253	3910	197	141	63803	45429	65149	24936	431	7158	289	95
Hancock	37860	4534	3621	922	76	24	4850	5420	5766	4148	243	239	13	17
Hardin	30407	4240	3879	201	49	9	4444	4164	4736	3096	174	224	18	8
Harrison	19076	1839	2164	62	32	2	3069	1961	3115	1578	173	24	6	17
Henry	25119	3205	1460	129	42	11	2425	3817	2707	3102	78	9	2	6
Highland	28711	3574	3394	49	88	5	4149	3823	4205	3321	216	30	3	12
Hocking	23650	2562	2039	252	58	12	2749	2864	2979	2304	85	19	5	7
Holmes	17909	2659	879	42	20	3	1252	3043	1377	2486	69	23	1	4
Huron	34206	4330	3516	150	44	10	4930	4262	5613	2622	110	120	8	17
Jackson	30791	2734	3202	220	42	8	4489	3235	5353	2072	190	84	16	29
Jefferson	65423	4068	4058	784	85	33	7310	4882	7337	2600	408	238	23	11
Knox	30181	3957	3464	369	66	15	4518	4233	4235	3037	134	123	3	9
Lake	22927	1397	1750	143	25	22	3635	1605	3824	871	101	183	16	9
Lawrence	39488	2668	3315	147	25	5	5708	2654	5587	1906	105	106	9	3
Licking	55590	7163	4885	709	80	11	6756	7685	6798	6019	248	228	13	14
Logan	30084	2816	3223	158	42	4	4756	3186	4994	1939	186	70	7	16
Lorain	76037	5890	4560	1073	46	40	8699	5460	9001	2700	155	925	39	10

Population.		Harmon.	Harding.	Clifford.	Thompson.	Mailey.	Taft.	Bryan.	Roosevelt.	Parker.	Swallow.	Debs.	Cor'gan	Watson
192728	Lucas	13178	11126	3976	127	253..	18715	16208..	22924	8259	245	2455	110	52
19902	Madison	2355	2656	33	39	3..	3051	2430..	3164	2103	72	12	2	3
116151	Mahoning	7383	6351	884	210	38..	10760	9312..	10404	4436	377	2072	31	30
33971	Marion	4440	3481	554	76	24..	4175	4657..	4473	3581	177	59	6	15
23598	Medina	2102	2099	220	34	14..	3427	2378..	3632	1517	93	94	6	11
25594	Meigs	2377	2504	344	34	11..	4108	2225..	4304	1708	131	131	7	7
27536	Mercer	3487	1382	92	51	7..	2148	4456..	2173	3286	118	18	4	16
45047	Miami	4882	4713	604	51	17..	6558	5369..	6793	3646	178	228	12	22
24244	Monroe	2977	1257	47	56	3..	1974	3961..	2222	3169	122	15	3	—
163763	Montgomery	18069	14535	3835	120	60..	20069	20566..	22144	13383	401	1168	58	21
16097	Morgan	1911	1900	50	80	5..	2445	1962..	2572	1612	106	15	—	10
16315	Morrow	2291	2062	55	91	2..	2500	2239..	2563	1827	213	32	2	8
57488	Muskingum	7003	5386	1008	206	23..	8080	6576..	7597	5511	571	226	11	12
18601	Noble	2097	2199	28	59	5..	2707	2154..	2700	1671	178	24	2	9
22360	Ottawa	3130	1278	25	16	2..	2202	3329..	2437	2706	29	11	1	—
22730	Paulding	2455	2730	73	28	8..	3049	2767..	3496	2505	120	7	1	17
35396	Perry	2956	3331	680	71	22..	4304	3885..	4883	2846	170	164	13	19
26158	Pickaway	3706	2451	59	55	2..	3179	4007..	2976	3492	179	12	2	7
15723	Pike	2146	1539	45	26	—.	1798	2085..	1818	2030	54	14	—	3
30807	Portage	3564	2739	373	91	19..	4129	3625..	4712	2486	163	155	13	12
23834	Preble	3002	2957	58	54	3..	3519	3247..	3647	2792	182	2	2	6
23972	Putnam	4348	1832	83	45	6..	2483	4836..	2853	4145	138	84	1	5
47667	Richland	5790	3439	548	104	—.	5301	6702..	5587	5407	192	232	8	12
40069	Ross	5079	4199	270	106	18..	5432	5325..	5472	4387	98	54	8	3
35171	Sandusky	4984	2875	181	32	20..	4079	5242..	4268	3787	139	200	10	9
48463	Scioto	4504	4076	571	57	21..	5790	4310..	5540	2420	241	613	32	9
42421	Seneca	5685	3434	457	77	24..	4959	6138..	5291	4757	155	170	9	38
24663	Shelby	3578	1877	75	22	1..	2646	3879..	2737	3286	74	16	—	7
122387	Stark	11502	10056	2246	293	153..	14112	12286..	15695	6919	526	663	128	44
108253	Summit	9106	5657	1606	283	88..	10365	9090..	12456	4618	425	1185	120	55
52766	Trumbull	3756	4094	1037	88	32..	6978	4476 .	7383	2110	297	962	28	19
57035	Tuscarawas	6373	4303	1154	57	64..	6717	6775..	7203	4979	150	489	82	14
21871	Union	2895	2794	84	31	1..	3567	2568..	3646	1924	132	4	2	15
29119	Van Wert	3762	3470	132	26	—.	3809	3783..	4120	3325	105	52	5	11
13096	Vinton	1825	1507	78	20	—.	1916	1496..	1994	1286	48	5	—	5
24497	Warren	2314	2880	72	34	8..	4233	2656..	4381	2012	94	35	3	3
45422	Washington	5160	4037	378	77	22..	5648	5771..	6522	4436	270	75	9	20
38058	Wayne	5022	3206	193	86	13..	4388	5368..	4748	4165	345	73	4	11
25198	Williams	3352	3063	98	55	6..	3625	3329..	3827	2565	137	65	3	11
46350	Wood	5042	4580	304	91	18..	5904	5625..	7025	3630	605	141	6	15
20760	Wyandot	3154	1792	56	18	7..	2408	3353..	2603	2697	72	42	4	16
	Total	477077	376700	60637	7129	2920..	572312	502721..	600095	344674	19339	32260	2633	1392
	Plurality	100377					69591		255421					
	Per cent	51.61	40.75	6.55	.77	.32..	50.86	44.23..	58.47	33.68	1.88	3.53	.25	.13
	Total vote			924463			1136525				1026229			

For president in 1908 Chafin, Pro., received 11,402 votes; Debs, Soc., 33,795; Watson, Peo., 162; Hisgen, Ind., 475; Gillhaus, Soc. Lab., 720.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Part of Hamilton county.
   Nicholas Longworth, Rep. 24,453
   Thomas P. Hart, Dem. 21,497
   Thomas Hammersmith, Soc. 1,796
   John Robertson, Pro. 155
2. Part of Hamilton county.
   Herman P. Goebel, Rep. 23,831
   Alfred G. Allen, Dem. 24,323
   L. F. Schwickert, Soc. 2,287
   L. C. Fillmore, Pro. 89
3. Counties of Butler, Montgomery and Preble.
   James M. Cox, Dem. 31,539
   George R. Young, Rep. 18,730
   Harmon Evans, Soc. 6,275
   Richard E. O'Byrne, Pro. 286
4. Counties of Allen, Auglaize, Darke, Mercer and Shelby.
   J. Henry Goeke, Dem. 20,865
   C. E. Johnston, Rep. 13,482
   Arthur A. Hensch, Soc. 1,403
5. Counties of Defiance, Henry, Paulding, Putnam, Van Wert and Williams.
   Timothy T. Ansberry, Dem. 21,201
   C. S. Roe, Rep. 13,309
   Allen Jackson, Soc. 589
   S. F. Welty, Pro. 187
6. Counties of Brown, Clermont, Clinton, Greene, Highland and Warren.
   Jesse Taylor, Rep. 17,105
   Matthew R. Denver, Dem. 20,056
   Jonah Vandervort, Soc. 4
7. Counties of Clark, Fayette, Madison, Miami and Pickaway.
   J. Warren Keifer, Rep. 17,569
   J. D. Post, Dem. 20,776
   John L. Post, Soc. 855
   C. E. Hill, Pro. 177
8. Counties of Champaign, Delaware, Hancock, Hardin, Logan and Union.
   Frank B. Willis, Rep. 21,030
   Thomas Mahon, Dem. 19,519
   A. G. Parthemer, Soc. 1,497
   Charles Mason, Pro. 8
9. Counties of Fulton, Lucas, Ottawa and Wood.
   Issac R. Sherwood, Dem. 21,908
   J. Kent Hamilton, Rep. 19,593
   W. F. Ries, Soc. 3,917
   M. A. Gibson, Pro. 191
10. Counties of Adams, Gallia, Jackson, Lawrence, Pike and Scioto.
    Robert M. Switzer, Rep. 13,548
    Edmund H. Willis, Dem. 16,250
    George A. Morney, Soc. 1,122
    W. J. Henry, Pro. 231
11. Counties of Athens, Hocking, Meigs, Perry, Ross and Vinton.
    Albert Douglas, Rep. 20,168
    Horatio C. Claypool, Dem. 22,894
    A. B. Shinn, Soc. 2,397
    C. H. Creamer, Pro. 400
12. Counties of Fairfield and Franklin.
    Edward L. Taylor, Jr., Rep. 17,696
    Frank S. Monnett, Dem. 15,151
    Jacob L. Bachman, Soc. 11,142
    Alfred B. Paul, Pro. 360
13. Counties of Crawford, Erie, Marion, Sandusky, Seneca and Wyandot.
    Carl C. Anderson, Dem. 30,196
    Miles H. McLaughlin, Rep. 15,486
    A. B. Hollenbaugh, Soc. 1,499
    E. A. Bryan, Pro. 199
14. Counties of Ashland, Huron, Knox, Lorain, Morrow and Richland.
    William G. Sharp, Dem. 25,287
    George H. Chamberlain, Rep. 18,459
    Charles M. Zitzer, Soc. 2,282
    H. H. Mosher, Pro. 331
15. Counties of Guernsey, Morgan, Muskingum, Noble and Washington.
    George White, Dem. 19,723
    James Joyce, Rep. 17,674
    Frank Martin, Soc. 2,218
    Leslie Hawk, Pro. 573

16. Counties of Belmont, Carroll, Harrison, Jefferson and Monroe.
David A. Hollingworth, Rep.....15,323
W. B. Francis, Dem.....15,731
Robert J. Murray, Soc.....2,325
Abel J. Crawford, Pro.....406
17. Counties of Coshocton, Holmes, Licking, Tuscarawas and Wayne.
W. A. Ashbrook, Dem.....25,875
A. B. Critchfield, Rep.....14,964
Edward Schmidt, Soc.....2,508
John H. Dickerson, Pro.....269
18. Counties of Columbiana, Mahoning and Stark.
James Kennedy, Rep.....20,617
John J. Whitacre, Dem.....23,568
Thomas Williams, Soc.....4,907
Elias Jenkins, Pro.....1,462
19. Counties of Ashtabula, Geauga, Portage, Summit and Trumbull.
W. Aubrey Thomas, Rep.....18,290
Ellsworth R. Battrick, Dem.....19,255
Paul G. Miller, Soc.....3,720
A. M. Bird, Pro.....572
20. Counties of Cuyahoga (part), Lake and Medina.
Paul Howland, Rep.....20,699
William Gordon, Dem.....20,519
John G. Willert, Soc.....2,847
Charles Bartlett, Pro.....181
21. Part of the county of Cuyahoga.
Robert Buckley, Dem.....18,091
James H. Cassidy, Rep.....16,716
Karl A. Cheyney, Soc.....2,649
J. Walter Malone, Pro.....124

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	15	49	64
Democrats	19	70	89

STATE OFFICERS.

Governor—Judson Harmon, Dem.
Lieutenant-Governor—Atlee Pomerene, Dem.
Secretary of State—Charles H. Graves, Dem.
Auditor—Edward M. Fullington, Rep.
Treasurer—David J. Creamer, Dem.
Attorney-General—Timothy S. Hogan, Dem.

OKLAHOMA (Population in 1910, 1,657,155).

COUNTIES. —GOVERNOR, 1910— —PRES. 1908—

Population in 1910. (75)	Dem. Cruce.	Rep. McNeal.	Soc. Cumbie.	Pro. Rauch.	Dem. Bryan.	Rep. Taft.
10535 Adair	753	693	26	9..	825	782
18138 Alfalfa	1288	1883	257	113..	1459	1737
13908 Atoka	1005	630	196	10..	784	757
13631 Beaver	963	1204	213	55..	1212	1362
19039 Beckham	1524	626	656	67..	1807	806
17960 Blaine	1296	1484	283	73..	1817	1508
29854 Bryan	2234	948	547	29..	2215	1044
35685 Caddo	2823	2734	564	65..	2954	2890
23501 Canadian	1941	2144	257	61..	2124	1931
25358 Carter	2116	899	432	29..	2181	1305
16778 Cherokee	1291	1208	72	12..	913	1040
21862 Choctaw	1202	764	531	48..	1038	878
4553 Cimarron	477	412	68	12..	449	371
18843 Cleveland	1423	945	507	43..	1437	1092
15817 Coal	1166	610	379	25..	906	722
41489 Comanche	1619	1910	298	46..	3481	2437
17404 Craig	3221	2381	623	110..	1578	1296
26223 Creek	1584	1234	61	21..	1417	1761
23231 Custer	1817	1765	359	68..	1721	1579
11469 Delaware	924	705	67	9..	974	625
14132 Dewey	983	1108	570	46..	1075	1210
15375 Ellis	1085	1417	341	38..	1260	1379
33050 Garfield	2343	3436	318	80..	2618	2924
26545 Garvin	2055	959	353	32..	2391	1290
30309 Grady	2566	1287	454	59..	2826	1491
18760 Grant	1642	1886	149	67..	1866	1796
16449 Greer	1409	414	329	46..	2149	708
11328 Harmon	852	174	146	19..	—	—
8189 Harper	701	810	156	21..	746	876
18875 Haskell	1471	1176	277	22..	1401	1139
24040 Hughes	1715	1204	413	29..	1649	1459
23737 Jackson	2098	613	346	60..	1905	635
17430 Jefferson	1446	563	422	36..	1435	604
16734 Johnson	1314	641	469	21..	1274	693
26999 Kay	2400	2635	165	63..	2511	2754
18825 Kingfisher	1339	1901	308	50..	1541	2106
27526 Kiowa	1414	1054	266	21..	2354	1591
11321 Latimer	1843	1529	215	14..	720	616
29127 Le Flore	690	527	189	10..	1572	1771
34779 Lincoln	2298	2932	645	139..	3030	3515
31740 Logan	1900	2761	180	77..	2183	3768
10236 Love	815	308	206	18..	835	413
15248 Major	1292	671	321	23..	877	1446
11619 Marshall	1130	650	176	7..	842	406
13596 Mayes	1256	1000	139	13..	1186	1021
15659 McClain	704	1379	461	45..	1234	780
20681 McCurtain	845	389	501	25..	565	482
20961 McIntosh	1274	1137	47	14..	1236	1606
12744 Murray	989	445	478	20..	1111	574
52743 Muskogee	3241	2367	164	36..	2793	3592
14945 Noble	1258	1447	188	20..	1364	1476
14223 Nowata	1077	1070	81	24..	923	1086
19995 Okfuskee	957	749	338	33..	872	1297
85232 Oklahoma	6140	5051	753	160..	4876	5401
21115 Okmulgee	1183	1246	324	34..	1103	1400
20101 Osage	1872	1651	198	25..	1584	1528
15713 Ottawa	1410	1274	100	23..	1297	1174
17332 Pawnee	1699	1834	503	87..	1500	1556
23735 Payne	1934	1495	313	60..	1980	2244
47650 Pittsburg	2901	2049	608	60..	2893	2735
24331 Pontotoc	1893	711	548	30..	1841	860
43595 Pottawatomie	2694	2431	726	96..	3561	2609
10118 Pushmataha	691	535	234	5..	625	484
12861 Roger Mills	1014	673	421	57..	1168	839
17736 Rogers	1638	1195	174	36..	1599	1134
19964 Seminole	1064	964	383	26..	945	1168
25005 Sequoyah	1596	1238	79	12..	1648	2037
22252 Stephens	1802	819	686	35..	1761	725
Swanson	525	323	219	19..	—	—
14249 Texas	1143	1150	286	47..	1470	1315
18650 Tillman	1758	735	166	28..	1661	732
34985 Tulsa	2594	2193	325	35..	2292	2150
22086 Wagoner	1182	828	165	6..	1151	2107
17484 Washington	1517	1484	194	27..	1409	1528
25034 Washita	1723	1081	464	67..	1867	1118
17567 Woods	1327	1510	548	64..	1421	1557
16592 Woodward	1200	1524	381	39..	1308	1614
Total	120218	99527	24707	3214..	122363	110474
Plurality	20691				11848	
Per cent.	48.54	40.19	9.98	1.29..	47.92	43.28
Total vote	247666				255153	

For president in 1908, Debs, Soc., received 21,734; Hisgen, Ind., 245; Watson, Peo., 412.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Grant, Kay, Garfield, Noble, Pawnee, Kingfisher, Logan, Payne, Lincoln and the Osage and Kansas Indian reservations.
Bird S. McGuire, Rep.....20,301
Neill E. McNeill, Dem.....18,415
W. L. Reynolds, Soc.....2,522

2. Counties of Oklahoma, Canadian, Blaine, Caddo, Custer, Dewey, Day, Woods, Woodward and Beaver.
Dick T. Morgan, Rep.....25,134
Elmer L. Fulton, Dem.....24,062
H. D. Bryant, Soc.....5,382

3. The territory constituting the Cherokee, Creek and Seminole nations and the Indian reservations lying northeast of the Cherokee nation within the state, excepting that part of the recording district numbered 12 which is in the Cherokee and Creek nations
C. E. Creager, Rep.....21,767
James S. Davenport, Dem.....25,312
G. M. Snider, Soc.....2,932

4. The territory constituting the Choctaw nation, that part of recording district numbered 12 in the Cherokee and Creek nations, that part of recording district numbered 25 in the Chickasaw nation and the territory comprising recording districts numbered 16, 21, 22 and 26 in the Indian Territory.
Charles D. Carter, Dem.....21,959
Charles M. Campbell, Rep.....11,979
J. W. Gilmore, Soc.....5,534

5. Counties of Greer, Roger Mills, Kiowa, Washita, Comanche, Cleveland and Pottawatomie and the recording districts numbered 17, 18, 19 and 20 in the Chickasaw nation, Indian Territory.
Scott Ferris, Dem.....28,600
J. H. Franklin, Rep.....13,425
H. H. Stallard, Soc.....6,539

LEGISLATURE.

	Senate.	House.	J.R.
Republicans	6	26	32
Democrats	18	83	101

STATE OFFICERS.

Governor—Lee Cruce, Dem.
Lieutenant-Governor—J. J. McAlester, Dem.
Secretary—Ben J. Harrison, Dem.
Auditor—Leo Meyer, Dem.
Attorney-General—Charles West, Dem.
Treasurer—Robert Dunlop, Dem.
Supt. Public Instruction—R. H. Wilson, Dem.
Examiner and Inspector—E. Boyle, Dem.
Commissioner Labor—C. Daugherty, Dem.
Commissioner Charities—Kate Barnard, Dem.
Corporation Commissioner—G. A. Henshaw, Dem.

OREGON (Population in 1910, 672).

COUNTIES. Population (34) in 1910	—GOVERNOR, 1910—: Rep. Bowerman	Dem. West	Soc. Richards	Pro. Eaton	—PRES.1908—: Rep. Taft	Dem. Bryan
18076 Baker	1440	1705	293	193..	1689	1596
10993 Benton	784	1162	58	121..	1183	773
29931 Clackamas	2084	3025	316	266..	2776	1866
16106 Clatsop	914	1436	175	50..	1482	658
10580 Columbia	926	647	225	90..	1242	454
17959 Coos	1449	1346	574	149..	1850	894
9315 Crook	764	899	121	52..	915	548
2044 Curry	176	294	32	12..	268	148
19674 Douglas	1868	1913	396	162..	2092	1359
3701 Gilliam	440	361	18	10..	470	242
5607 Grant	523	562	90	26..	748	463
4059 Harney	475	517	75	21..	450	329
8016 Hood River	565	449	64	72..	767	359
25756 Jackson	1256	2556	478	235..	2032	1537
9567 Josephine	877	821	217	102..	967	732
8554 Klamath	799	687	164	80..	634	427
4658 Lake	484	367	58	43..	465	239
33783 Lane	2725	2602	504	386..	3313	2174
5587 Lincoln	463	620	130	35..	595	282
22662 Linn	1675	2502	297	204..	2202	1815
8601 Malheur	728	741	90	95..	800	543
39780 Marion	2795	3751	297	524..	3788	2239
4357 Morrow	574	310	73	42..	680	272
226261 Multnomah	13498	14796	1885	1460..	17819	9850
13469 Polk	1083	1577	148	135..	1456	1113
4242 Sherman	393	295	40	21..	457	252
6266 Tillamook	499	590	124	80..	641	253
20309 Umatilla	2022	1905	205	222..	2328	1568
16191 Union	1197	1295	241	275..	1510	1191
8364 Wallowa	647	731	134	93..	905	506
16336 Wasco	1058	1021	159	124..	1309	764
21522 Washington	1855	1596	183	270..	2319	1153
2484 Wheeler	321	248	9	8..	418	236
18285 Yamhill	1394	1526	186	371..	1980	1246
Total	48751	54853	8059	6027..	62530	38049
Plurality		6102		..	24481	
Per cent	41.42	46.61	6.85	5.12..	56.39	34.31
Total vote		117690		..	110889	

For president in 1908, Chafin, Pro., received 2,862 votes; Debs, Soc., 7,239, and Hisgen, Ind., 289.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Benton, Clackamas, Coos, Curry, Douglas, Jackson, Josephine, Klamath, Lake, Lane, Linn, Marion, Polk, Tillamook, Washington and Yamhill.
   Willis C. Hawley, Rep. 26,256
   R. G. Smith, Dem. 18,232
   C. W. Sherman, Soc. 4,981
   W. P. Elmore, Pro. 4,585

2. The counties of Baker, Clatsop, Columbia, Crook, Gilliam, Grant, Harney, Malheur, Morrow, Multnomah, Sherman, Umatilla, Union, Wallowa and Wasco.
   A. W. Rafferty, Rep. 30,642
   John Manning, Dem. 19,477
   W. A. Crawford, Soc. 5,353
   George B. Pratt, Soc. 3,524

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	26	57	83
Democrats	3	2	5
Independents	1	1	2

STATE OFFICERS.

Governor—Oswald West, Dem.
Secretary of State—F. W. Benson, Rep.
Treasurer—George A. Steel, Rep.
Attorney-General—A. M. Crawford, Rep.
State Printer—Willis S. Duniway, Rep.
Sup't of Public Instruction—J. H. Ackerman, Rep.

PENNSYLVANIA (Population in 1910, 7,665,111).

COUNTIES. Population (67) in 1910.	—GOVERNOR 1910—: Rep. Tener	Dem. Grim	Soc. Slayton	Keystone. Berry	—PRES.1908—: Rep. Taft	Dem. Bryan
34319 Adams	2017	2221	41	1818	3685	4084
1018463 Allegheny	47817	4350	9658	39298	74080	35655
67880 Armstrong	3673	550	190	3496	6110	3212
78353 Beaver	3510	447	1450	4687	7008	4200
38879 Bedford	2355	902	205	2234	4784	3196
183222 Berks	5354	7995	4267	7243	13642	17381
108858 Blair	4290	1074	689	6716	10583	4981
54526 Bradford	3205	536	124	4653	7997	3758
76530 Bucks	6254	6404	251	1858	9409	7233
72689 Butler	2726	813	156	3474	6584	4698
166131 Cambria	5829	1259	554	7311	13325	7979
7644 Cameron	576	148	35	484	1110	533
52846 Carbon	2035	2004	333	3246	4486	3890
43424 Center	2189	911	171	2701	4927	3998
109213 Chester	5488	1449	191	8028	13118	6555
36038 Clarion	1183	1174	169	1968	2915	3291
93768 Clearfield	3755	1043	1307	5495	7726	5954
31545 Clinton	1201	656	1065	1429	3477	2547
48467 Columbia	1353	1513	131	3068	3718	5373
61565 Crawford	4500	1229	620	3494	7679	5668
54479 Cumberland	3658	1096	154	4678	6261	5408
136152 Dauphin	9197	1110	918	9699	15637	7546
117906 Delaware	7158	993	214	8442	15184	5727
35871 Elk	1096	1717	304	1235	2991	2531
115517 Erie	5823	2515	986	2120	10828	6173
167449 Fayette	7042	2092	1415	4430	10012	8220
9435 Forest	511	194	89	431	1119	512
59775 Franklin	3373	1239	111	4300	6968	4682
9703 Fulton	622	606	11	306	974	1094
28882 Greene	1401	1320	52	1857	2438	3793
38304 Huntingdon	1598	290	76	2699	4503	1917
66210 Indiana	2719	407	207	2735	6416	1965
63090 Jefferson	2814	562	465	2966	5652	2986
15013 Juniata	656	299	15	1348	1765	1414
259570 Lackaw'na	11020	5390	676	8307	18590	15451
167029 Lancaster	12874	2132	284	8551	23523	8109
70052 Lawrence	2357	243	851	3927	5350	2656
59565 Lebanon	3503	386	220	4636	6874	2858
118832 Lehigh	5883	6844	1301	3809	11593	11285
343186 Luzerne	12389	3444	1034	15265	24594	17379
80813 Lycoming	3237	2775	896	4958	8708	7144
47863 McKean	1986	459	263	3194	5073	2867
77699 Mercer	3301	804	597	4824	6497	5473
27785 Mifflin	871	436	305	1890	2902	1799
22941 Monroe	628	1511	14	973	1454	3004
169590 Montg'm'ry	8843	5399	618	10395	19088	11899
14368 Montour	415	499	37	1038	1164	1490
127667 N'rth'mpt'n	5328	5648	337	4909	10857	11365
111420 N'umberl'd	3150	2048	3600	5618	10439	8590
24136 Perry	1524	705	30	1677	3269	2184
1549008 Philadelp'a	130465	16474	6186	86328	185263	75317
8053 Pike	495	683	8	192	715	1069
29729 Potter	1112	392	141	2137	3603	1932
207894 Schuylkill	6880	5563	2644	8844	18758	15481
16800 Snyder	1020	215	64	1129	2481	1081
67717 Somerset	2783	504	420	1848	6478	2246
11293 Sullivan	629	468	39	456	1119	1076
37746 Susqueh'na	2228	693	23	1932	4999	3230
42829 Tioga	3204	480	50	2920	6947	2321
16249 Union	1113	279	18	1659	2547	1154
56359 Venango	2417	892	687	1861	4868	2815
39573 Warren	1890	512	277	1783	4672	2054
143690 Washington	7473	742	737	8119	11430	7018
29236 Wayne	1236	798	49	2074	3650	2438
231304 W'stm'rel'd	7365	2374	3278	9429	15429	11101
15509 Wyoming	976	835	9	1392	2234	1629
136405 York	8017	8178	753	7396	14610	15171
Total	415611	129395	53053	382127	745779	448785
Plurality	33484				296994	
Per cent	41.62	12.96	5.31	38.27	58.84	35.41
Total vote		998433			1267450	

For governor in 1910, Tener, Rep., also received 2,953 votes cast by Workingmen's league; Larkin, Pro., received 17,445 votes, and George Anton, Industrialist, 802. For president in 1908, Chafin, Pro., received 36,694 votes, and Debs, Soc., 33,913.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Philadelphia county (part).
   H. H. Bingham, Rep. 27,827
   M. J. Geraghty, Dem. 2,667
   Henry V. Garrett, Keystone 8,713
   James F. Lynch, Soc. 597

2. Philadelphia county (part).
   Joel Cook, Rep. 24,807
   Daniel W. Simpkins, Key. 7,441
   E. B. Seiberlich, Dem. 2,542
   James W. Hughes, Soc. 687

3. Philadelphia county (part).
J. Hampton Moore, Rep.....23,726
James G. Ramsdell, Key..... 7,030
William A. Hayes, Dem..... 2,712
Felix Heinzel, Soc..... 791

4. Philadelphia county (part).
Reuben O. Moon, Rep.....16,223
William C. Mitchell, Dem..... 2,459
Joseph Doerr, Soc..... 1,049
Albert W. Sanson, William Penn..... 2,526

5. Philadelphia county (part).
W. W. Foulkrod, Rep.....18,016
Michael Donohue, Dem.....19,209
Martin McCue, Soc..... 2,328

6. Philadelphia county (part).
George D. McCreary, Rep.....25,747
William A. Carr, Dem..... 4,319
George A. Murr, Soc..... 1,171
Frank H. Hawkins, Key.....23,672

7. Chester and Delaware counties.
Thomas S. Butler, Rep.....16,490
Eugene C. Bonniwell, Dem.....14,498

8. Bucks and Montgomery counties.
Irving P. Wanger, Rep.....19,106
R. E. Defenderfer, Dem.....19,683

9. Lancaster county.
William W. Griest, Rep.....14,718
James G. McSparran, Dem..... 3,120

10. Lackawanna county.
John R. Farr, Rep.....13,457
P. F. Calpin, Dem.....11,240
Howard J. Force, Pro..... 1,306

11. Luzerne county.
Charles O. Bowman, Rep.....14,384
George R. McLean, Dem.....13,834
Charles F. Quinn, Soc..... 2,079

12. Schuylkill county.
Robert D. Heaton, Rep..... 9,441
Robert E. Lee, Dem..... 9,492
C. F. Foley, Soc..... 4,739

13. Berks and Lehigh counties.
John H. Rothermel, Dem.....19,680
John K. Hahn, Rep.....12,939
Caleb Harrison, Soc..... 6,209

14. Bradford, Susquehanna, Wayne and Wyoming counties.
Charles C. Pratt, Rep..... 9,481
George W. Kipp, Dem.....10,276

15. Tioga, Potter, Lycoming and Clinton counties.
William B. Wilson, Dem.....13,624
Clarence L. Peaslee, Rep.....10,589
Stephen Soars, Pro..... 1,199
Clarence C. Ricker, Soc..... 2,004

16. Northumberland, Montour, Columbia and Sullivan counties.
John G. McHenry, Dem.....12,578
Jacob W. Renn, Soc..... 3,818
T. C. Harter, Key..... 6,366

17. Perry, Juniata, Mifflin, Huntingdon, Fulton, Franklin, Snyder and Union counties.
Benjamin K. Focht, Rep.....14,473
J. Murray Africa, Dem.....11,681
J. Emory Weeks, Pro..... 1,340
John A. Horn, Soc..... 1,006

18. Dauphin, Cumberland and Lebanon counties.
Marlin E. Olmsted, Rep.....21,221
W. Jonathan Kiefer, Dem.....11,686

19. Blair, Cambria and Bedford counties.
John M. Reynolds, Rep.....18,133
Isaiah Scheeline, Dem..... 7,669
Stewart C. Cowan, Pro..... 2,173
Anselm B. Kirsch, Soc..... 2,048

20. Adams and York counties.
Daniel F. Lafean, Rep.....19,713
Andrew R. Broderick, Dem.....13,786

21. Cameron, Center, Clearfield and McKean counties.
Charles E. Patton, Rep.....11,856
William C. Heinle, Dem..... 6,903
George W. Fox, Soc..... 1,363

22. Westmoreland and Butler counties.
J. D. McJunkin, Rep.....12,490
Curtis H. Gregg, Dem.....12,988
E. S. Littall, Pro..... 1,981
Robert G. Dudley, Soc..... 3,242

23. Fayette, Greene and Somerset counties.
Thomas S. Crago, Rep.....13,665
Jesse H. Wise, Dem..... 8,834
J. C. Speicher, Pro..... 1,223
Washington Herd, Soc..... 2,036

24. Beaver, Lawrence and Washington counties.
Charles Matthews, Rep.....15,177
Henry H. Wilson, Dem.....14,365
M. S. Marquis, Pro..... 1,523
Charles A. Collins, Soc..... 3,232

25. Erie and Crawford counties.
Arthur L. Bates, Rep.....10,668
John B. Brooks, Dem..... 9,632
Richard A. Buzza, Pro..... 1,313
George B. Allen, Soc..... 1,377

26. Carbon, Monroe, Pike and Northampton counties.
A. M. Palmer, Dem.....16,284
Robert Brown, Rep..... 8,867
Arthur M. Meaker, Pro..... 536
Edward A. Evans, Soc..... 879

27. Armstrong, Indiana, Clarion and Jefferson counties.
J. N. Langham, Rep.....13,073
John S. Shirler, Dem..... 5,451
John Houk, Pro..... 2,479
M. A. Van Horn, Soc..... 1,245

28. Mercer, Warren, Forest, Venango and Elk counties.
Peter M. Speer, Rep.....10,922
William J. Breene, Dem..... 9,492
John E. Gill, Pro..... 3,047
John R. McKeown, Soc..... 2,163

29. Allegheny county (part).
Stephen G. Porter, Rep.....14,785
Fleming Jamieson, Dem..... 2,110
John A. McConnell, Pro..... 552
George T. McConnell, Soc..... 2,468

30. Allegheny county (part).
John Dalzell, Rep.....13,261
James A. Wakefield, Dem..... 4,208
Robert J. Black, Pro..... 7,807
W. J. Wright, Soc..... 2,942

31. Allegheny county (part).
J. Francis Burke, Rep.....12,996
John J. Thorpe, Dem..... 5,798
John Connor, Soc..... 1,164

32. Allegheny county (part).
A. J. Barchfield, Rep.....13,482
Herman L. Hegner, Dem..... 9,933
Valentine Remmel, Soc..... 3,152
James L. McKee, Pro..... 566

LEGISLATURE.

The legislature is republican.

STATE OFFICERS.

Governor—John K. Tener, Rep.
Lieutenant-Governor—John M. Reynolds, Rep.
Secretary—Henry Houck, Rep.
Treasurer—Jeremiah A. Stober, Rep.
Auditor—Arthur E. Sisson, Rep.
Adjutant-General—Thomas J. Stewart, Rep.
Attorney-General—John P. Elkin, Rep.
Superintendent Public Instruction—N. C. Schaeffer, Dem.

RHODE ISLAND (Population in 1910, 542,674).

Population in 1910.	Counties. (5)	Gov. 1910 Rep.	Gov. 1910 Dem.	Gov. 1910 Pro	Gov. 1910 S.L.	Pres. 1908 Rep.	Pres. 1908 Dem.
		Pothier	Waterman	Greene	Herrick	Taft	Bryan
17602	Bristol.....	1205	1110	25	14..	1606	899
36378	Kent.....	2545	2121	100	21..	3617	1700
39395	Newport.....	3635	2206	115	45..	3639	1949
424417	Providence...	23548	25530	616	569..	32037	18880
24942	Washington..	2607	1433	142	35..	3043	1278
	Total.....	33540	32400	998	684..	43942	24706
	Plurality.....	1140				19236	
	Per cent.....	49.50	47.91	1.48	1.01..	60.76	34.16
	Total vote...		67622			72317	

For president in 1908, Debs, Soc., received 1,365 votes; Gillhaus, Soc. Lab., 183; Hisgen, Ind., 1,105, and Chafin, Pro., 1,016.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Bristol, Providence and Newport.
William P. Sheffield, Rep.....15,681
George F. O'Shaughnessy, Dem.....17,532
Richard R. Macomber, Pro..... 431
Stanley Curtis, Soc..... 529
2. Counties of Kent, Providence and Washington.
George H. Utter, Rep.....18,983

Thomas F. Cooney, Dem.....13,704
B. E. Helme, Pro..... 492

LEGISLATURE.	Senate.	House.	J.B.
Republicans	28	65	93
Democrats	10	35	45

STATE OFFICERS.

Governor—Aram J. Pothier, Rep.
Lieutenant-Governor—Zenas W. Bliss, Rep.
Secretary of State—J. Fred Parker, Rep.
General Treasurer—Walter B. Read, Rep.
Attorney-General—William B. Greenough, Rep.

SOUTH CAROLINA (Population in 1910, 1,515,400).

Population in 1910.	COUNTIES. (42)	GOV. 1910 Dem.	Blease.	Thompson	PRESIDENT 1908 Dem.	Bryan.	Rep. Taft.	Soc. Debs.	Ind. Hisgen.
34804	Abbeville	394	—.	—	9	—	—		
41849	Aiken	1028	—.		1481	48	—		
69568	Anderson	802	—.		1990	58	3		
18544	Bamberg	390	—.		2099	33	—		
34209	Barnwell	673	—.		848	88	—		
30355	Beaufort	349	—.		1407	272	—		
23487	Berkeley	253	—.		522	235	—		2
16634	Calhoun	302	—.		669	54	—		
88594	Charleston	1474	26.		609	347	26		7
26179	Cherokee	630	—.		1814	66	—		
29425	Chester	474	—.		1506	37	—		
26301	Chesterfield	712	—.		1308	47	—		
32188	Clarendon	556	—.		1458	62	—		
35390	Colleton	440	—.		1091	91	—		
36027	Darlington	349	—.		1389	21	—		
22815	Dillon	314	—.		314	—	—		
17891	Dorchester	336	—.		1229	103	—		5
28281	Edgefield	621	—.		1097	8	—		
29442	Fairfield	352	—.		830	12	—		2
35671	Florence	508	—.		1460	28	7		3
22270	Georgetown	452	—.		544	108	—		1
68377	Greenville	2909	18.		2774	176	28		7
34225	Greenwood	562	1.		1765	18	10		
25126	Hampton	667	—.		1138	—	—		
26995	Horry	1334	—.		1247	56	—		
27094	Kershaw	305	—.		922	45	—		1
26650	Lancaster	753	—.		1729	58	—		2
41550	Laurens	1600	—.		2160	61	1		—
25318	Lee	322	—.		963	58	—		1
32040	Lexington	1148	13.		2508	80	1		—
20596	Marion	449	—.		2007	91	—		—
31189	Marlboro	217	—.		916	16	—		—
34586	Newberry	627	—.		1681	44	—		1
27337	Oconee	325	—.		1126	172	—		2
55893	Orangeburg	1539	4.		2687	405	—		1
25422	Pickens	502	—.		1241	56	—		—
55143	Richland	526	8.		1750	236	18		3
20943	Saluda	716	—.		1385	8	1		1
83465	Spartanburg	2284	—.		4162	225	5		—
38472	Sumter	609	—.		1228	173	—		3
29911	Union	913	—.		1389	49	—		—
37626	Williamsburg	500	—.		1550	180	—		—
47718	York	543	—.		1606	29	—		—
	Total	30739	70.		62290	3965	100		42
	Plurality	30669			58325				
	Per cent	99.77	.23.		93.82	5.97	.15		.06
	Total vote	30809	..		66398				

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Berkeley, Charleston, Clarendon, Colleton and Dorchester counties.
George S. Legare, Dem.....3,442
A. P. Prioleau, Rep..... 59
2. Aiken, Bamberg, Beaufort, Barnwell, Edgefield and Hampton counties.
James F. Byrnes, Dem.....4,392
3. Abbeville, Anderson, Greenwood, Newberry, Oconee and Pickens counties.
Wyatt Aiken, Dem.....2,589
4. Greenville, Laurens, Spartanburg and Union counties.
J. T. Johnson, Dem.....7,616
Thomas Brier, Rep..... 81
5. Cherokee, Chester, Chesterfield, Fairfield, Kershaw, Lancaster and York counties.
D. E. Finley, Dem.....3,470
6. Georgetown, Florence, Horry, Marion, Marlboro, Darlington and Williamsburg counties.
J. E. Ellerbee, Dem.....3,734
7. Lee, Lexington, Orangeburg, Richland, Sumter and Calhoun counties.
A. F. Lever, Dem.....4,762
R. H. Richardson, Rep..... 214

The legislature is democratic.

STATE OFFICERS. (All democrats.)

Governor—Cole L. Blease.
Lieutenant-Governor—C. A. Smith.
Secretary of State—Robert M. McCown.
Attorney-General—James F. Lyon.
Treasurer—R. H. Jennings.

SOUTH DAKOTA (Population in 1910, 583,888).

Population in 1910	COUNTIES. (61)	GOV. 1910 Rep. Vessey.	Dem. Wood.	Pro. But'f'd	PRES.'08 Rep. Taft.	Dem. Bryan.
647	Armstrong	—	—.	—.	—	—
6143	Aurora	570	813	—.	686	694
15776	Beadle	1757	1152	133.	1776	1105
11061	Bon Homme	1027	1015	—.	1324	1014
14178	Brookings	1452	313	271.	1697	588
25867	Brown	2745	1706	202.	2646	1772
6451	Brule	569	654	—.	758	823
1589	Buffalo	97	77	3.	105	69
4993	Butte	689	501	19.	1696	915
5244	Campbell	456	69	40.	627	175
14389	Charles Mix	1443	1326	36.	1963	1391
10901	Clark	903	471	85.	1234	557
8711	Clay	956	755	62.	1291	803
14092	Codington	1461	762	68.	1618	831
2929	Corson	499	127	11.	—	—
4458	Custer	445	394	14.	487	428
11625	Davison	1276	1070	109.	1276	1081
14372	Day	1413	611	—.	1616	813
7778	Deuel	821	189	136.	1022	425
1145	Dewey	—	—	—.	—	—
6400	Douglas	628	610	9.	836	647
7654	Edmunds	717	745	61.	726	658
7763	Fall River	744	643	—.	726	466
6716	Faulk	927	380	88.	835	421
10303	Grant	984	394	80.	1122	628
13061	Gregory	1089	740	33.	1550	1266
7475	Hamlin	1358	285	65.	1095	434
7870	Hand	829	627	280.	851	655
6237	Hanson	614	640	43.	668	630
4228	Harding	682	232	25.	—	—
6271	Hughes	766	309	28.	795	349
12319	Hutchinson	623	727	40.	1507	619
3307	Hyde	453	205	38.	455	212
5120	Jerauld	632	357	81.	582	403
12560	Kingsbury	1325	635	174.	1537	799
10711	Lake	1128	919	96.	1415	636
19694	Lawrence	2663	1455	56.	2735	1564
12712	Lincoln	1388	431	89.	1887	699
10848	Lyman	1215	940	60.	1524	1183
8021	Marshall	707	194	124.	874	463
9589	McCook	1054	840	81.	1209	826
6791	McPherson	744	124	29.	785	157
12640	Meade	1274	1008	77.	953	792
7661	Miner	775	776	41.	906	720
29631	Minnehaha	2734	2350	194.	4125	1948
8695	Moody	830	415	67.	1275	633
12453	Pennington	1162	1233	174.	1702	1160
11348	Perkins	2119	653	132.	—	—
4466	Potter	544	298	33.	614	400
14397	Roberts	1341	594	99.	1562	777
6907	Sanborn	714	331	106.	847	513
293	Schnasse	—	—	—.	—	—
15981	Spink	1599	563	147.	1847	1121
14976	Stanley	2004	1349	25.	2313	1598
252	Sterling	—	—	—.	—	—
2462	Sully	—	—	—.	368	154
8323	Tripp	—	—	—.	—	—
13840	Turner	1087	750	108.	1792	793
10676	Union	1207	820	65.	1392	1009
6488	Walworth	799	267	41.	825	351
13135	Yankton	1173	1090	45.	1644	1118
	Total	61744	37995	4506.	67586	40266
	Plurality	23769			27200	
	Per cent	57.34	35.40	5.88.	57.95	35.11
	Total vote		10331		114705	

For governor in 1910, Opsahl, Soc., received 1,419 votes.

For president in 1908, Chafin, Pro, received 4,039 votes; Debs, Soc., 2,846; Hisgen, Ind., 88.

FOR REPRESENTATIVES IN CONGRESS, 1910.

Charles H. Burke,* Rep.....64,777
E. W. Martin,* Rep.....64,272
W. W. Soule, Dem.....32,655
J. E. Kelly, Dem.....32,329
W. L. Edgar, Pro..... 4,124
Kauts Lewis, Pro..... 4,140
*Elected.

LEGISLATURE.	Senate.	House.	J.B.
Republicans	34	99	133
Democrats	11	5	16

STATE OFFICERS.

Governor—R. S. Vessey, Rep.
Lieutenant-Governor—Frank M. Byrne, Rep.
Secretary of State—S. C. Polley, Rep.
Treasurer—George G. Johnson, Rep.
Attorney-General—Royal C. Johnson, Rep.

TENNESSEE (Population in 1910, 2,184,789).

Population in 1910.	COUNTIES. (96)	—GOVERNOR 1910.— Rep. Hooper.	Ind. McCallen.	Dem. Taylor.	—PRES. 1908— Dem. Rep. Bryan.	Taft.
17717	Anderson	1713	17	637..	665	2030
22667	Bedford	2069	3	1906..	1999	7451
12452	Benton	1251	3	962..	1221	860
6329	Bledsoe	753	—	480..	295	435
20909	Blount	2213	1	851..	847	2568
16536	Bradley	1104	7	588..	620	1063
27387	Campbell	1451	14	542..	538	1806
10825	Cannon	881	3	1074..	904	672
23971	Carroll	2431	42	1537..	1802	2290
19838	Carter	2068	—	669..	459	3152
10540	Cheatham	574	—	1175..	1206	526
9090	Chester	801	12	585..	704	580
23504	Claiborne	902	5	308..	979	1644
9009	Clay	565	7	566..	764	634
19399	Cocke	1834	2	715..	688	1752
15625	Coffee	1103	10	1290..	1654	656
16076	Crockett	1345	4	1123..	1226	1205
9327	Cumberland	997	12	440..	480	1010
149478	Davidson	6185	179	8837..	8309	2721
10093	Decatur	874	1	782..	845	958
15434	DeKalb	1589	2	1287..	1284	1464
19955	Dickson	1179	29	1767..	1499	904
27721	Dyer	1074	30	1340..	1786	672
30257	Fayette	349	—	1082..	1849	4
7446	Fentress	627	15	226..	332	894
20491	Franklin	1092	14	1994..	2168	716
41630	Gibson	2344	7	2020..	3173	1369
32629	Giles	2084	2	3164..	3042	1569
13888	Grainger	1385	10	670..	673	1311
31083	Greene	2662	—	1574..	1886	2027
8322	Grundy	329	83	494..	576	261
13650	Hamblen	1169	10	664..	821	993
89267	Hamilton	4233	113	4905..	4583	4331
10778	Hancock	1013	—	435..	570	1396
23011	Hardeman	933	10	1298..	1570	557
17521	Hardin	1310	8	655..	720	1142
23587	Hawkins	1706	19	862..	1152	1693
25910	Haywood	239	22	1154..	1215	189
17030	Henderson	1493	10	605..	912	1208
25434	Henry	1790	21	1826..	2382	1069
16527	Hickman	990	27	1439..	1285	1065
6224	Houston	397	41	493..	665	288
13908	Humphreys	769	14	1225..	1301	679
15696	Jackson	1136	—	1166..	1401	966
5210	James	521	—	174..	217	618
17755	Jefferson	1909	1	579..	677	2066
13110	Johnson	1729	9	229..	232	2148
94187	Knox	6579	97	4072..	4004	5908
8704	Lake	160	1	224..	464	178
21105	Lauderdale	727	14	987..	1315	519
17569	Lawrence	1466	20	1424..	1591	1726
6033	Lewis	351	—	362..	465	354
25908	Lincoln	1569	5	2254..	2311	692
13612	Loudon	878	5	405..	444	1096
14559	Macon	1333	6	749..	684	1594
21046	McMinn	1901	13	675..	726	1326
16356	McNairy	1311	11	1301..	1057	1300
39357	Madison	1953	54	2003..	2417	1358
18820	Marion	1052	25	849..	842	1074
16872	Marshall	1247	6	1471..	1547	443
40456	Maury	1920	6	2214..	2304	627
6131	Meigs	576	2	439..	464	457
20716	Monroe	1633	5	1215..	1406	1830
33672	Montgomery	1240	49	1576..	2963	1903
4800	Moore	276	—	656..	678	103
11458	Morgan	1020	7	450..	496	1236
29946	Obion	1335	48	1667..	2258	711
15854	Overton	1232	37	819..	1401	1008
8815	Perry	685	—	602..	756	678
5087	Pickett	480	—	256..	391	517
14116	Polk	954	—	675..	747	1175
20023	Putnam	1661	5	1557..	1632	1419
15410	Rhea	1170	10	697..	889	1024
22960	Roane	1471	33	606..	644	1534
25466	Robertson	1203	21	1499..	2418	756
33199	Rutherford	2297	6	2936..	2764	1226
12947	Scott	1499	18	245..	190	1932
4202	Sequatchie	251	4	360..	394	249
22296	Sevier	2772	—	234..	291	3130
191439	Shelby	2425	125	7700..	7411	3069
18548	Smith	1353	—	1661..	1638	1056
14960	Stewart	541	99	1367..	1475	715
28120	Sullivan	1826	—	1936..	2393	1836
25621	Sumner	1469	14	2170..	2343	693
29459	Tipton	1492	4	1282..	1662	1041
5874	Trousdale	372	—	477	476	198
7201	Unicoi	693	—	117..	67	850
11414	Union	1308	6	550..	496	1685
2784	Van Buren	190	3	288..	329	176
16534	Warren	1155	36	1451..	1587	738
28968	Washington	2283	3	1343..	1580	2267
12062	Wayne	1170	—	499..	451	1416
31929	Weakley	2900	18	2096..	2976	1812
15420	White	914	58	1212..	1572	835
24213	Williamson	1488	9	2061..	1929	605
25394	Wilson	1705	—	1776..	2212	902
	Total	134082	1704	121591.	135608	118324
	Plurality	12491			17300	
	Per cent	52.09	.66	47.25..	52.65	45.95
	Total vote	257377			257946	

For president in 1910, Debs, Soc., received 1,870 votes; Watson, Peo., 1,081; Hisgen, Ind., 332, and Chafin, Pro., 330.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Carter, Claiborne, Cocke, Grainger, Greene, Hamblen, Hancock, Hawkins, Johnson, Sullivan, Unicoi and Washington.
   Sam R. Sells, Rep. 20,955
   C. H. Lyle, Dem. 7,380
2. The counties of Anderson, Blount, Campbell, Jefferson, Knox, Loudon, Morgan, Roane, Scott, Sevier and Union.
   R. W. Austin, Rep. 15,299
   W. W. Hale, Dem. 12,163
3. The counties of Bledsoe, Bradley, Franklin, Grundy, Hamilton, James, McMinn, Marion, Meigs, Monroe, Polk, Sequatchie, Van Buren, Warren and White.
   John A. Moon, Dem. 17,654
   Charles R. Evans, Rep. 12,944
4. The counties of Clay, Cumberland, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Rhea, Smith, Sumner, Trousdale and Wilson.
   Cordell Hull, Dem. 19,298
   J. T. Odum, Dem. 5,169
5. The counties of Bedford, Coffee, Cannon, DeKalb, Lincoln, Marshall, Moore and Rutherford.
   W. C. Houston, Dem. 16,697
   N. Bartlett, Soc. 170
6. The counties of Cheatham, Davidson, Houston, Humphreys, Montgomery, Robertson and Stewart.
   Joseph W. Byrns, Dem. 16,764
   W. H. Jackson, Soc. 2,502
7. The counties of Dickson, Giles, Hickman, Lawrence, Lewis, Maury, Wayne and Williamson.
   L. P. Padgett, Dem. 21,299
   Dan McCord, Ind. 453
8. The counties of Benton, Carroll, Chester, Decatur, Hardin, Henderson, Henry, Madison, McNairy and Perry.
   W. T. Sims, Dem. 13,764
   S. E. Murrey, Rep. 9,830
9. The counties of Crockett, Dyer, Gibson, Haywood, Lake, Lauderdale, Obion and Weakley.
   F. J. Garrett, Dem. 15,000
   J. W. Brown, Rep. 1,406
10. The counties of Fayette, Hardeman, Shelby and Tipton.
    George W. Gordon, Dem. 14,862
    T. H. Haines, Soc. 844

LEGISLATURE.	Senate.	House.	J.B.
Democrats	25	73	98
Republicans	8	26	34

STATE OFFICERS.

Governor—Ben W. Hooper, Ind. Rep.
Secretary—John W. Morton, Dem.
Treasurer—Delong Rice, Dem.
Comptroller—Frank Dibrill, Dem.
Adjutant-General—H. C. Lamb, Dem.
Attorney-General—G. W. Pickle, Dem.
Commissioner of Agriculture—Thomas Paine, Dem.

TEXAS (Population in 1910, 3,896,542).

Population in 1910.	COUNTIES (245)	—GOV., 1910.— Dem. Colquitt.	Rep. Ter ell.	—PRESIDENT, 1908— Dem. Bryan.	Rep. Taft.	Pro. Chafin.	Soc. Debs
29650	Anderson	1429	189..	1601	697	8	28
975	Andrews	98	3..	—	—	—	—
17705	Angelina	1182	92..	1089	197	—	55
2106	Aransas	133	16..	193	83	1	—
6525	Archer	329	24..	331	65	8	1

Population.	Colquitt.	Terrell	Bryan	Taft	Chafin.	Deb.
2682 Armstrong	186	9	252	32	9	2
10004 Atascosa	576	79	614	142	10	11
17699 Austin	1186	169	1394	572	—	3
312 Bailey	—	—	—	—	—	—
4921 Bandera	409	231	449	284	2	23
25344 Bastrop	836	204	1225	522	3	8
8411 Baylor	557	13	600	53	2	34
12080 Bee	342	62	533	157	2	24
49186 Bell	1603	78	3067	490	14	49
119576 Bexar	5478	1128	3894	5368	22	101
4311 Blanco	522	130	438	259	5	—
1386 Borden	114	2	135	5	2	11
19013 Bosque	962	73	1394	268	5	28
4827 Bowie	1322	140	1676	705	5	116
13299 Brazoria	411	175	567	405	14	26
18919 Brazos	744	79	876	138	5	—
5220 Brewster	151	11	283	34	4	4
2162 Briscoe	164	2	117	7	—	17
22935 Brown	1159	114	1557	346	7	96
18687 Burleson	711	101	1201	365	—	11
10755 Burnet	606	78	857	270	11	9
24237 Caldwell	846	134	1227	197	4	14
3635 Calhoun	199	19	219	71	5	16
12973 Callahan	686	24	—	—	—	—
27158 Cameron	1765	1146	1217	971	1	2
9551 Camp	458	224	569	324	2	9
2127 Carson	187	39	—	—	—	—
27587 Cass	1061	477	1551	996	29	45
1850 Castro	111	19	110	8	—	2
4234 Chambers	184	63	323	275	8	13
29038 Cherokee	1231	51	1575	211	11	93
9538 Childress	416	38	594	92	2	22
17043 Clay	975	141	1115	244	14	43
65 Cochran	—	—	—	—	—	—
6412 Coke	267	19	356	56	1	24
22618 Coleman	852	71	1170	135	11	85
49021 Collin	2173	292	3797	792	27	130
5224 Collingswt'h	286	8	—	—	—	—
18897 Colorado	765	129	1116	486	8	22
8434 Comal	924	64	626	508	—	—
27186 Comanche	1456	145	2336	292	15	147
6654 Concho	238	16	228	36	2	27
26603 Cooke	1396	163	2439	523	5	98
21703 Coryell	1212	60	1653	201	11	32
4396 Cottle	144	3	157	18	—	10
331 Crane	—	—	—	—	—	—
1296 Crockett	31	1	65	13	—	2
1765 Crosby	138	7	148	1	1	11
4001 Dallam	196	25	285	94	7	40
135748 Dallas	4800	347	7329	2068	111	118
2320 Dawson	95	8	—	—	—	—
3942 Deaf Smith	245	17	273	48	4	2
14566 Delta	674	35	946	131	—	—
31258 Denton	1572	137	2740	493	23	80
23501 DeWitt	1164	160	906	853	6	11
3092 Dickens	198	14	196	28	—	21
3460 Dimmit	230	217	151	101	—	2
5284 Donley	226	11	—	—	—	—
8964 Duval	624	18	692	605	—	—
23421 Eastland	1369	107	1856	229	19	217
1178 Ector	85	4	136	5	3	2
3768 Edwards	180	141	208	232	3	75
53629 Ellis	2372	122	4413	594	24	—
52599 El Paso	2078	328	2302	1019	16	—
32085 Erath	1529	190	2074	504	13	250
35549 Falls	1351	342	1791	503	8	57
44801 Fannin	1729	232	3192	164	14	—
20796 Fayette	2044	497	2247	1236	6	17
12596 Fisher	408	31	776	62	17	45
4638 Floyd	232	12	292	16	4	14
5726 Foard	401	46	—	—	—	—
18168 Fort Bend	463	157	550	353	—	—
9331 Franklin	495	16	650	72	—	16
20557 Freestone	982	272	1186	302	—	13
8895 Frio	331	54	397	112	—	13
1255 Gaines	66	2	93	7	1	3
44479 Galveston	1468	273	2184	849	21	48
1995 Garza	88	2	67	—	—	—
9447 Gillespie	791	688	281	1322	3	3
1143 Glasscock	66	3	75	6	—	1
9909 Goliad	517	462	397	644	1	59
28055 Gonzales	1090	199	1441	609	1	—
3405 Gray	317	55	338	82	16	42
65096 Grayson	2750	469	4506	1338	34	186
14140 Gregg	393	57	565	273	5	26
21205 Grimes	727	15	974	88	9	8
24913 Guadalupe	1772	1009	—	—	—	—
7566 Hale	378	15	406	41	6	4
8279 Hall	343	14	508	56	5	24
15315 Hamilton	853	65	1123	222	5	6
935 Hansford	114	14	98	26	3	7
11213 Hardeman	483	70	663	108	3	32
12947 Hardin	746	112	809	234	6	33

Population.	Colquitt.	Terrell.	Bryan	Taft	Chafin.	Debs
115693 Harris	6562	449	5074	1722	42	167
37243 Harrison	781	66	2161	289	13	9
1298 Hartley	95	3	150	30	—	1
16249 Haskell	1008	64	1245	145	10	100
15518 Hays	565	31	872	135	8	13
3170 Hemphill	261	92	172	77	8	9
20131 Henderson	982	120	1143	255	—	101
13728 Hidalgo	892	64	554	36	—	1
46760 Hill	1879	92	3331	414	25	14
137 Hockley	—	—	—	—	—	—
10008 Hood	617	87	945	162	11	33
31038 Hopkins	1855	131	2184	271	15	124
29564 Houston	974	96	1310	493	1	29
8881 Howard	454	14	504	52	1	42
48116 Hunt	2440	220	3806	518	25	158
892 Hutchinson	118	30	134	30	1	3
1283 Irion	108	—	102	5	—	4
11817 Jack	554	154	782	268	13	—
6471 Jackson	166	52	208	139	4	6
14000 Jasper	604	93	695	187	—	79
1678 Jeff Davis	92	90	121	83	1	6
38182 Jefferson	1040	141	1962	821	20	124
34460 Johnson	1483	113	2747	339	10	145
24299 Jones	1040	83	1754	206	9	156
14942 Karnes	460	64	631	170	9	12
35323 Kaufman	1594	149	2205	387	8	89
4517 Kendall	414	178	148	537	—	24
2655 Kent	129	1	194	17	1	3
5505 Kerr	543	214	453	327	7	23
3261 Kimble	159	13	181	60	—	18
810 King	42	—	—	—	—	—
3401 Kinney	130	250	69	—	—	—
9625 Knox	522	32	797	92	3	20
46544 Lamar	1755	120	2966	482	7	43
540 Lamb	26	16	13	5	—	—
9532 Lampasas	471	87	746	296	15	15
4747 LaSalle	231	37	328	224	2	3
26418 Lavaca	1690	197	1674	266	4	199
13132 Lee	720	123	820	509	4	16
16583 Leon	531	163	861	351	2	21
10686 Liberty	829	234	539	248	3	11
34621 Limestone	1163	56	1773	247	13	48
2634 Lipscomb	211	91	169	60	4	15
3442 Live Oak	266	82	—	—	—	—
6520 Llano	391	24	485	116	10	—
249 Loving	—	—	3	—	—	—
3624 Lubbock	213	12	224	26	1	2
1713 Lynn	109	4	—	—	—	—
10318 Madison	362	80	540	123	7	7
10472 Marion	109	18	504	414	—	—
1549 Martin	86	2	234	27	2	—
5633 Mason	462	230	429	322	12	16
13594 Matagorda	391	58	590	167	17	4
5151 Maverick	214	227	258	287	—	8
13405 McCulloch	488	33	650	184	3	15
73250 McLennan	2087	135	3778	741	53	58
1091 McMullen	49	1	85	35	—	1
13415 Medina	899	317	578	695	12	10
2707 Menard	81	8	152	36	1	13
3464 Midland	168	20	—	—	—	—
36780 Milam	1898	102	2077	460	10	147
9094 Mills	687	133	567	201	4	61
8956 Mitchell	506	42	635	73	9	42
25123 Montague	1258	164	2048	329	19	92
15679 Montgomery	471	33	752	308	1	16
561 Moore	44	3	97	12	1	2
10439 Morris	563	42	646	142	1	3
2396 Motley	89	3	—	—	—	—
27406 Nacogdoch's	1004	87	1478	186	3	41
47070 Navarro	1830	63	2879	618	15	25
10850 Newton	366	53	357	94	—	—
11999 Nolan	568	47	733	104	3	38
21955 Nueces	805	120	831	253	7	66
1602 Ochiltree	114	3	—	—	—	—
812 Oldham	95	37	60	15	—	3
9528 Orange	384	11	534	119	1	15
19506 Palo Pinto	982	57	1483	268	33	108
20424 Panola	859	61	1242	266	—	64
26331 Parker	1561	107	—	—	—	—
1555 Parmer	140	32	96	31	2	2
2071 Pecos	86	51	—	—	—	—
17459 Polk	424	14	627	243	1	2
12424 Potter	718	63	803	158	15	64
5218 Presidio	284	33	233	135	1	2
6787 Rains	353	36	416	61	4	86
3312 Randall	195	12	235	44	3	1
392 Reagan	32	1	52	5	—	—
28564 Red River	1124	98	1813	587	1	33
4392 Reeves	181	11	316	24	4	1
2814 Refugio	159	63	188	178	1	5
950 Roberts	112	23	125	31	3	1
27454 Robertson	911	54	1233	394	3	14
8072 Rockwall	409	8	—	—	—	—

Population.		Colquitt.	Terrell.	Bryan.	Taft.	Chafin.	Debs.
20858	Runnels	776	47	981	103	5	42
26946	Rusk	1227	499	1595	871	5	27
8582	Sabine	374	5	467	54	5	13
11264	San Augus'n	408	24	423	87	6	12
9542	San Jacinto	367	154	371	209	—	—
7307	San Patricio	426	133	373	115	1	13
11245	San Saba	427	32	744	124	6	49
1893	Schleicher	92	12	126	9	—	4
10924	Scurry	627	39	722	84	12	145
4201	Shackelford	215	9	266	30	2	11
26423	Shelby	1262	46	1727	182	1	86
1376	Sherman	86	15	158	37	7	6
41746	Smith	1444	530	2089	863	27	166
3931	Somervell	220	9	251	39	3	11
13151	Starr	826	121	901	411	5	—
7860	Stephens	541	9	692	34	2	89
1495	Sterling	113	2	147	5	1	—
5320	Stonewall	394	18	329	14	3	—
1569	Sutton	78	3	79	10	—	3
4012	Swisher	309	46	239	26	1	—
38572	Tarrant	3182	233	6403	1470	92	192
26293	Taylor	1028	74	1706	177	12	107
1490	Terrell	122	31	110	62	—	—
1474	Terry	88	8	—	—	—	13
4563	Throckm'r'n	260	14	226	33	5	7
16422	Titus	750	39	960	199	6	6
17882	Tom Green	579	23	920	113	3	24
55620	Travis	2068	292	2445	1196	31	84
12768	Trinity	502	44	550	157	1	5
10250	Tyler	452	13	665	122	—	14
19960	Upshur	846	84	898	287	4	14
501	Upton	30	—	—	—	—	—
11233	Uvalde	995	138	748	321	11	61
8613	Val Verde	359	208	363	182	2	18
25651	Van Zandt	1386	55	1626	179	7	351
14990	Victoria	488	37	566	328	3	11
16061	Walker	583	170	614	441	—	4
12138	Waller	485	62	608	349	5	3
2389	Ward	123	11	234	30	4	—
25561	Washington	1101	242	1543	798	3	1
22503	Webb	484	542	233	1109	—	—
21123	Wharton	387	74	746	433	12	65
5258	Wheeler	353	69	384	55	—	13
16094	Wichita	963	176	806	256	16	28
12000	Wilbarger	572	17	780	110	9	36
42228	Williamson	1569	91	2425	723	33	64
17066	Wilson	756	87	858	252	—	3
442	Winkler	26	—	12	2	—	1
26450	Wise	1577	156	—	—	—	—
23417	Wood	1097	52	1330	375	9	111
602	Yoakum	48	—	36	4	—	—
13657	Young	687	45	813	89	8	30
3809	Zapata	—	462	—	—	—	—
1889	Zavalla	125	38	123	29	—	12
	Total	174596	26191	217302	65666	1634	7870
	Plurality	148405	..	151636	..	..	..
	Per cent	79.90	11.98	73.97	22.35	.55	2.68
	Total vote	218607	..	..	293757	..	..

In 1910 for governor, Houston, Pro., received 6,052 votes; Andrews, Soc., 11,538, and Schmidt, Soc. Lab., 430. In 1908 for president, Watson, Peo., had 994 votes; Hisgen, Ind., 115, and Gillhaus, Soc. Lab., 176.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Bowie, Red River, Lamar, Delta, Hopkins, Franklin, Titus, Camp, Morris, Cass and Marion.
   Morris Sheppard, Dem. 10,707
   Velma Auble, Rep. 1,148
2. Counties of Jefferson, Orange, Hardin, Tyler, Jasper, Newton, Sabine, San Augustine, Angelina, Cherokee, Nacogdoches, Shelby, Panola and Harrison.
   Martin W. Dies, Dem. 10,898
   W. J. Collin, Rep. 549
3. Counties of Wood, Upshur, Gregg, Rusk, Smith, Henderson, Van Zandt and Kaufman.
   James Young, Dem. 9,450
4. Counties of Grayson, Collin, Fannin, Hunt and Rains.
   C. B. Randell, Dem. 9,719
   C. A. Gray, Rep. 1,208
5. Counties of Dallas, Rockwell, Ellis, Hill and Bosque.
   Jack Beall, Dem. 10,939
   M. T. Conner, Rep. 190
6. Counties of Navarro, Freestone, Limestone, Robertson, Brazos and Milam.
   Rufus Hardy, Dem. 7,826
7. Counties of Anderson, Houston, Trinity, Polk, San Jacinto, Liberty, Chambers and Galveston.
   A. W. Gregg, Dem. 7,826
   W. C. Kendall, Rep. 843
8. Counties of Harris, Fort Bend, Austin, Waller, Montgomery, Grimes, Walker, Madison and Leon.
   J. M. Moore, Dem. 11,654
   A. M. Lawson, Rep. 1,112
9. Counties of Gonzales, Fayette, Colorado, Wharton, Matagorda, Brazoria, Jackson, Lavaca, De Witt, Victoria, Calhoun, Aransas, Refugio, Bee, Goliad and Karnes.
   G. F. Burgess, Dem. 10,644
   E. C. Webster, Rep. 2,108
10. Counties of Williamson, Travis, Hays, Caldwell, Bastrop, Lee, Burleson and Washington.
    A. S. Burleson, Dem. 10,111
11. Counties of McLennan, Falls, Bell, Coryell and Hamilton.
    R. L. Henry, Dem. 7,384
    E. J. Vesey, Rep. 105
12. Counties of Tarrant, Parker, Johnson, Hood, Somervell, Earth and Comanche.
    Oscar Calloway, Dem. 10,525
    C. C. Littleton, Rep. 836
13. Counties of Cook, Denton, Wise, Montague, Clay, Jack, Young, Archer, Wichita, Wilbarger, Baylor, Throckmorton, Knox, Foard, Hardeman, Cottle, Motley, Dickens, Floyd, Hale, Lamb, Bailey, Childress, Hall, Briscoe, Swisher, Castro, Parmer, Deaf Smith, Randall, Armstrong, Donley, Collingsworth, Wheeler, Gray, Carson, Potter, Oldham, Hartley, Moore, Hutchinson, Roberts, Hemphill, Lipscomb, Ochiltree, Hansford, Sherman and Dallam.
    J. H. Stephens, Dem. 19,751
    T. S. Bugbee, Rep. 2,050
14. Counties of Bexar, Comal, Kendall, Bandera, Kerr, Gillespie, Blanco, Burnet, Llano, Mason, McCulloch, San Saba, Lampasas, Mills, Brown and Coleman.
    J. L. Slayden, Dem. 14,256
    J. M. Prier, Soc. 544
15. Counties of Cameron, Hidalgo, Starr, Zapata, Webb, Duval, Nueces, San Patricio, Live Oak, Atascosa, Wilson, Guadalupe, McMullen, LaSalle, Dimmit, Maverick, Zavalla, Frio, Medina, Uvalde, Kinney and Val Verde.
    Noah Allen, Rep. 5,287
    J. N. Garner, Dem. 14,300
16. Counties of El Paso, Jeff Davis, Presidio, Brewster, Pecos, Crockett, Schleicher, Sutton, Edwards, Kimble, Menard, Concho, Tom Green, Irion, Upton, Crane, Ward, Reeves, Loving, Winkler, Ector, Midland, Glasscock, Sterling, Coke, Runnels, Eastland, Callahan, Taylor, Nolan, Mitchell, Howard, Martin, Andrews, Gaines, Dawson, Borden, Scurry, Fisher, Jones, Shackelford, Stephens, Palo Pinto, Haskell, Stonewall, King, Kent, Garza, Crosby, Lubbock, Lynn, Terry, Yoakum, Cochran and Hockley.
    W. R. Smith, Dem. 20,058
    Robert N. Webb, Rep. 1,384

LEGISLATURE.	Senate.	House.	J.B.
Democrats	30	109	139
Republicans	1	0	1

STATE OFFICERS.

Governor—O. B. Colquitt, Dem.
Lieutenant-Governor—A. B. Davidson, Dem.
Attorney-General—J. P. Lightfoot, Dem.
Comptroller—W. P. Lane, Dem.
Treasurer—Sam Sparks, Dem.
Commissioner of Land Office—J. T. Robison, Dem.
Secretary of State—W. B. Townsend, Dem.

UTAH (Population in 1910, 373,351).

Population in 1910.	COUNTIES. (27)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Soc. Debs.	Ind. Hisgen.
4717	Beaver	945	714	27	1
13894	Box Elder	2401	1417	40	2
23062	Cache	3795	3317	64	3
8624	Carbon	1027	581	106	—
10191	Davis	1740	1331	34	5
6750	Emery	1098	749	158	—
3660	Garfield	728	290	42	—
1595	Grand	293	215	24	5
3933	Iron	718	488	76	—
10702	Juab	1619	1421	300	1

Population		Taft.	Bryan.	Debs.	Hisgen
1652	Kane	414	102	3	—
6118	Millard	1004	765	38	—
2467	Morgan	490	306	49	—
1734	Piute	332	157	98	1
1883	Rich	427	285	5	—
131426	Salt Lake	20755	12954	2059	41
2377	San Juan	131	109	3	3
16704	San Pete	3333	2307	128	1
9775	Sevier	1777	1272	187	1
8200	Summit	1612	1402	148	9
7924	Toole	1106	808	59	1
7050	Uintah	782	663	145	—
37942	Utah	6390	4984	267	2
8920	Wasatch	1265	985	98	2
5123	Washington	738	810	5	1
1749	Wayne	276	184	96	—
35179	Weber	5879	3965	636	8
	Total	61028	42601	4895	87
	Plurality	18414			
	Per cent	56.17	39.22	4.51	.10
	Total vote		108618		

FOR REPRESENTATIVES IN CONGRESS, 1910.

Joseph Howell, Rep. 50,604
Ferdinand Erickson, Dem. 32,730
Allen T. Sanford, American 14,043
James A. Smith, Soc. 4,857

LEGISLATURE.	Senate.	House	J.B.
Republicans	15	38	53
Democrats	2	7	9

STATE OFFICERS.
(All republicans.)

Governor—William Spry.
Secretary of State—Charles S. Tingey.
Attorney-General—Albert R. Barnes.
Auditor—Jesse D. Jewkes.
Treasurer—David Mattson.
Superintendent Public Instruction—Andrew C. Nelson.

VERMONT (Population in 1910, 355,956).

Population in 1910.	COUNTIES. (14)	—GOVERNOR 1910— Rep. Mead.	Dem. Watson.	Pro. Towle.	Soc. Ordway.	—PRES. 1908— Rep. Taft.	Dem. Bryan.
20010	Addison	2856	566	86	29..	2986	444
21878	Bennington	2261	1332	53	256..	2453	748
26031	Caledonia	2363	1269	69	23..	2700	764
42447	Chittenden	3495	2298	100	74..	3806	1650
7384	Essex	675	271	16	3..	744	327
29866	Franklin	2450	2414	104	36..	2360	1048
3761	Grand Isle	496	255	5	2..	364	188
12585	Lamoille	1484	501	97	18..	1455	311
18703	Orange	1960	1171	75	25..	2262	667
23337	Orleans	2886	528	57	24..	2535	384
48139	Rutland	5315	2208	128	86..	5643	1542
41702	Washington	2925	2364	99	212..	3823	1610
26933	Windham	2843	1212	77	109..	3728	905
33681	Windsor	3314	1041	79	258..	4683	907
	Total	35263	17425	1044	1055..	39552	11496
	Plurality	17838				28056	
	Per cent	64.37	31.81	1.90	1.92..	75.11	21.83
	Total vote		54787			52654	

For president in 1908, Chafin, Pro., received 802 votes and Hisgen, Ind., 804.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamoille and Rutland.
   David J. Foster, Rep. 18,951
   P. M. Meldon, Pro. 8,215
   George A. Thrall, Soc. 468
2. Counties of Caledonia, Essex, Orange, Orleans, Washington, Windham and Windsor.
   Frank Plumley, Rep. 18,185
   Alexander Cochran, Dem. 6,226
   Eugene M. Campbell, Soc. 366

LEGISLATURE.	Senate.	House.	J.B.
Republicans	30	194	224
Democrats	..	47	47
Independents	..	5	5

STATE OFFICERS.
(All republicans.)

Governor—John A. Mead.
Lieutenant-Governor—Leighton P. Slack.
Treasurer—Edward H. Deavitt.
Secretary of State—Guy W. Bailey.
Auditor—Horace F. Graham.
Attorney-General—John G. Sargent.

VIRGINIA (Population in 1910, 2,061,612).

Population in 1910.	COUNTIES. (100)	—PRES. 1908— Dem. Bryan	Rep. Taft	Pro. Chafin	—Gov. 1905— Dem. Swanson	Rep. Lewis
36650	Accomac	1748	337	58..	1263	308
29871	Albemarle	990	880	7..	1013	262
15329	Alexandria city	1218	247	5..	272	171
10231	Alexandria county	354	165	..	270	151
14173	Alleghany	422	483	54..	688	642
8720	Amelia	247	73	2..	311	77
18932	Amherst	849	164	1..	825	99
8804	Appomattox	633	117	2..	608	94
32445	Augusta	1435	987	109..	1235	863
6538	Bath	340	232	12..	281	174
29549	Bedford	1272	463	45..	1190	393
5154	Bland	339	397	4..	401	413
17727	Botetourt	809	793	11..	833	743
6247	Bristol city	405	187	5..	380	132
19244	Brunswick	507	123	5..	594	156
12334	Buchanan	395	635	..	462	491
15204	Buckingham	676	333	2..	654	488
3245	Buena Vista city	137	80	1..	159	63
23043	Campbell	624	174	9..	484	149
16596	Caroline	494	326	6..	578	240
21116	Carroll	859	1521	..	1130	1302
5253	Charles City	99	84	..	127	33
15185	Charlotte	537	242	4..	648	217
6765	Charlottesville city	428	82	2..	381	62
21299	Chesterfield	608	167	11..	505	134
7468	Clarke	517	74	7..	415	68
5748	Clifton Forge city	402	133	7..	—	—
4711	Craig	364	224	5..	375	191
13472	Culpeper	962	233	2..	849	259
9195	Cumberland	574	68	..	444	82
19020	Danville city	963	206	14..	790	85
9199	Dickenson	551	671	..	671	703
15442	Dinwiddie	445	157	1..	478	136
21225	Elizabeth City	679	253	10..	519	181
9105	Essex	364	123	..	417	147
20536	Fairfax	1143	404	10..	784	298
22526	Fauquier	1354	523	4..	1212	424
14092	Floyd	390	1149	4..	477	932
8823	Fluvanna	450	135	..	458	144
26480	Franklin	1218	1101	1..	1266	1025
12787	Frederick	866	564	25..	532	230
5874	Fredericksburg city	285	252	4..	438	184
11623	Giles	705	605	14..	839	557
12477	Gloucester	477	94	..	574	109
9237	Goochland	294	246	2..	344	275
19856	Grayson	844	1243	..	918	1111
6937	Greene	252	366	..	323	338
11890	Greenesville	273	77	3..	422	117
40044	Halifax	1268	650	8..	1553	452
17200	Hanover	522	206	6..	580	198
23437	Henrico	626	217	3..	713	195
18459	Henry	761	716	7..	979	570
5317	Highland	292	305	21..	247	254
14929	Isle of Wight	580	199	..	656	99
3624	James City	132	62	2..	131	61
9576	King and Queen	349	181	2..	429	153
6378	King George	296	199	..	332	218
8547	King William	276	228	4..	382	221
9752	Lancaster	468	122	3..	576	110
23840	Lee	805	1334	3..	756	1027
21167	Loudoun	1570	447	66..	1396	413
16578	Louisa	692	280	6..	691	241
12780	Lunenburg	413	105	1..	464	68
29494	Lynchburg city	962	473	13..	844	270
10055	Madison	466	305	1..	579	327
9715	Manchester city	363	114	1..	254	39
8922	Mathews	577	86	4..	514	182
28956	Mecklenburg	1000	252	6..	1232	317
8852	Middlesex	413	164	..	379	182
17268	Montgomery	734	795	11..	787	733
26886	Nansemond	857	271	11..	778	135
16321	Nelson	742	308	5..	819	223
4682	New Kent	193	159	..	141	91
20205	Newport News city	791	498	5..	1000	507
67452	Norfolk city	2271	991	20..	1753	1030
52744	Norfolk county	879	739	..	2393	414
16672	Northampton	673	174	11..	630	168
10777	Northumberland	410	185	2..	480	207
13462	Nottoway	481	118	10..	464	104
13486	Orange	587	198	8..	742	228
14147	Page	804	802	14..	1024	800
17195	Patrick	723	1092	..	841	747
24127	Petersburg city	905	205	4..	880	72
50709	Pittsylvania	1472	962	9..	2101	561
33190	Portsmouth city	1154	407	3..	963	380
6099	Powhatan	255	146	..	234	176
14266	Prince Edward	561	117	3..	530	137
7848	Prince George	171	88	..	198	75
11526	Princess Anne	403	99	..	726	157

Population.	Bryan	Taft	Chafin	Swanson	Lewis
12026 Prince William	758	200	9..	535	143
17246 Pulaski	714	780	5..	793	769
4202 Radford city	204	141	4..	243	104
8044 Rappahannock	433	158	2..	467	115
127628 Richmond city	4143	1135	22..	3083	374
7415 Richmond county	338	205	—.	406	187
34874 Roanoke city	1408	593	3..	653	411
19623 Roanoke county	732	426	26..	1357	455
21171 Rockbridge	1000	810	10..	969	779
34903 Rockingham	1736	1581	103..	1640	1445
23474 Russell	827	1173	8..	1097	1326
23814 Scott	1145	1781	—.	1303	1656
20942 Shenandoah	1295	1449	18..	1285	1325
20326 Smyth	906	1350	4..	913	1191
26302 Southampton	818	206	10..	975	138
9935 Spottsylvania	346	282	13..	409	252
8010 Stafford	406	474	—.	463	486
10604 Staunton city	514	347	56..	507	244
9715 Surrey	269	82	1..	389	106
13664 Sussex	412	115	—.	389	123
24946 Tazewell	809	1398	7..	733	1236
8589 Warren	562	209	15..	485	157
6041 Warwick	101	58	1..	211	78
32830 Washington	1558	1741	18..	1443	1512
3813 Westmoreland	353	161	—.	335	151
2714 Williamsburg city	120	48	2..	151	43
5864 Winchester city	449	203	26..	297	168
34162 Wise	993	1527	4..	810	1441
20372 Wythe	950	1487	—.	1035	1376
7757 York	214	61	6..	235	58
Total	82946	52573	1111..	83544	45795
Plurality	30373			37749	
Per cent	60.71	38.48	.81	64.59	35.41
Total vote	136630			129339	

For governor in 1909 William H. Mann, Dem., received 64,942 votes; William P. Kent, Rep., 36,092, and A. H. Dennett, Soc. Lab., 1,398.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Accomac, Caroline, Essex, Gloucester, King and Queen, Lancaster, Matthews, Middlesex, Northampton, Northumberland, Richmond, Spottsylvania, Westmoreland and city of Fredericksburg.
William A. Jones, Dem. 5,908
George N. Wise, Rep. 1,431
2. The counties of Charles City, Elizabeth City, Isle of Wight, James City, Nansemond, Norfolk, Princess Anne, Southampton, Surrey, Warwick, York, and the cities of Newport News, Norfolk, Portsmouth and Williamsburg.
E. E. Holland, Dem. 6,549
H. H. Rumble, Rep. 1,703
3. The counties of Chesterfield, Goochland, Hanover, Henrico, King William, New Kent and the cities of Richmond and Manchester.
John Lamb, Dem. 5,408
W. R. Vawter, Rep. 813
4. The counties of Amelia, Brunswick, Dinwiddie, Greenesville, Lunenburg, Mecklenburg, Nottoway, Powhatan, Prince Edward, Prince George, Sussex and the city of Petersburg.
Robert Turnbull, Dem. 3,789
5. The counties of Carroll, Floyd, Franklin, Grayson, Henry, Patrick, Pittsylvania and the city of Danville.
E. W. Saunders, Dem. 7,537
John M. Parsons, Rep. 7,382
6. The counties of Bedford, Campbell, Charlotte, Halifax, Montgomery, Roanoke and the cities of Lynchburg, Radford and Roanoke.
Carter Glass, Dem. 5,203
Allison, Rep. 734
7. The counties of Albemarle, Clarke, Frederick, Greene, Madison, Page, Rappahannock, Rockingham, Shenandoah, Warren, and the cities of Charlottesville and Winchester.
James Hay, Dem. 5,818
John Paul, Rep. 2,589
S. Lupton, Ind. Rep. 1,631
8. The counties of Alexandria, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Orange, Prince William, Stafford and the city of Alexandria.
C. C. Carlin, Dem. 4,669
9. The counties of Bland, Buchanan, Craig, Dickenson, Giles, Lee, Pulaski, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe, and the city of Bristol.
Henry C. Stuart, Dem. 16,731
C. Bascomb Slemp, Rep. 16,958
10. The counties of Alleghany, Amherst, Appomattox, Augusta, Bath, Botetourt, Buckingham, Cumberland, Fluvanna, Highland, Nelson, Rockbridge and the cities of Buena Vista and Staunton.
H. D. Flood, Dem. 5,878

LEGISLATURE.

	Senate.	House.	J.B.
Democrats	34	87	121
Republicans	6	13	19

STATE OFFICERS.

Governor—William H. Mann, Dem.
Attorney-General—Samuel W. Williams, Dem.
Secretary—B. O. James, Dem.
Treasurer—A. W. Harman, Dem.

WASHINGTON (Population in 1910, 1,141,990).

Population in 1910.	COUNTIES. (38)	PRESIDENT 1908 Rep. Taft.	Dem. Bryan.	Soc. Debs.	Ind. Hisgen.	Pro. Chafin.
10920	Adams	1033	714	58	1	45
5831	Asotin	648	865	36	—	38
7937	Benton	891	465	151	2	34
35590	Chehalis	3128	1248	712	9	86
15104	Chelan	1639	871	160	9	66
6755	Clallam	988	428	187	10	11
26115	Clarke	2416	1250	335	2	104
7042	Columbia	887	585	25	—	48
12561	Cowlitz	1573	617	172	6	28
9227	Douglas	1942	1540	191	4	43
4800	Ferry	467	393	115	4	11
5153	Franklin	645	485	56	3	27
4199	Garfield	556	333	40	8	13
8698	Grant	—	—	—	—	—
4704	Island	450	192	99	4	28
8337	Jefferson	859	417	66	7	11
284638	King	22297	14644	2173	43	836
17647	Kitsap	1819	850	494	4	74
18561	Kittitas	1752	985	314	1	64
10180	Klickitat	1245	570	173	3	46
32127	Lewis	3170	1412	528	14	120
17539	Lincoln	2025	1443	124	4	73
5156	Mason	553	318	80	4	22
12887	Okanogan	1368	1074	307	8	22
12532	Pacific	1492	483	153	4	21
120812	Pierce	10935	4936	1626	14	463
3603	San Juan	581	178	111	1	10
29241	Skagit	2924	1449	690	7	113
2887	Skamania	310	143	54	2	7
59209	Snohomish	5659	2974	958	13	567
139404	Spokane	11719	6559	1184	14	496
25297	Stevens	2546	1564	646	8	120
17581	Thurston	1940	964	367	6	110
3285	Wahkiakum	485	150	46	1	3
31931	Walla Walla	2843	1660	102	5	71
49511	Whatcom	4955	2398	963	9	296
33280	Whitman	3376	2386	337	4	315
41709	Yakima	3998	1650	344	11	258
	Total	106062	58691	14177	249	4700
	Plurality	47371				
	Per cent	57.68	31.92	7.71	.14	2.55
	Total vote			183879		

FOR REPRESENTATIVE IN CONGRESS, 1910.

1. W. E. Humphrey, Rep. 27,717
W. W. Black, Dem. 20,165
W. W. Smith, Soc. 5,088
R. E. Dunlap, Pro. 1,231
2. Stanton Warburton, Rep. 20,448
Maurice Langhorne, Dem. 10,288
Lester E. Aller, Soc. 3,978
W. E. Haycock, Pro. 850
3. W. L. LaFollette, Rep. 30,126
H. D. Marritt, Dem. 14,427
D. C. Coates, Soc. 3,998

LEGISLATURE.

	Senate.	House.	J.B.
Republicans	38	84	122
Democrats	4	12	16

STATE OFFICERS.

Governor—M. E. Hay, Rep.
Secretary of State—Sam H. Nichols, Rep.
Treasurer—John G. Lewis, Rep.
Auditor—C. W. Claussen, Rep.
Attorney-General—W. P. Bell, Rep.
Superintendent Public Instruction—H. W. Dewey, Rep.
Commissioner of Public Lands—E. W. Ross.

WEST VIRGINIA (Population in 1910, 1,222,119).

Population in 1900.	Counties. (55)	Rep. Taft	Dem. Bryan	Pro. Chafin	Soc. Debs	Ind. Hisgen
5858	Barbour	2072	1634	78	27	—
1999	Berkeley	2675	2563	100	14	—
10331	Boone	994	1031	7	58	—
23023	Braxton	2365	2565	102	15	—
11098	Brooke	1374	1074	58	57	1
26385	Cabell	4900	4467	160	111	2
11258	Calhoun	1006	1212	44	6	—
40238	Clay	1320	825	68	21	1
12672	Doddridge	1773	990	46	28	—
11903	Fayette	5874	3819	282	464	—
11379	Gilmer	989	1512	56	1	—
57338	Grant	1305	836	25	4	—
14833	Greenbrier	2415	2682	49	46	1
1694	Hampshire	683	1773	19	1	—
20465	Hancock	1185	719	60	20	—
19163	Hardy	646	1219	1	4	—
18381	Harrison	4946	4004	397	86	5
0956	Jackson	2615	1950	37	19	—
45889	Jefferson	1255	2490	76	1	—
21457	Kanawha	9603	7117	345	624	5
18781	Lewis	2239	1832	149	19	2
30491	Lincoln	2202	1732	58	6	—
14476	Logan	730	1399	11	33	2
22794	Marion	4368	3961	314	222	6
12388	Marshall	3680	2498	220	238	—
43019	Mason	3116	1928	24	56	1
38371	Mercer	4229	3006	24	36	1
26674	Mineral	1986	1512	66	17	4
39131	Mingo	2068	1520	9	9	—
14334	Monongalia	3131	1958	172	187	2
13055	Monroe	1523	1521	29	1	—
27348	Morgan	1134	549	57	4	—
17856	McDowell	6176	1916	45	—	—
7699	Nicholas	1795	1730	139	—	—
47572	Ohio	7312	6497	153	441	3
19349	Pendleton	898	1193	3	—	—
58074	Pleasants	987	921	41	4	—
4740	Pocahontas	1687	1300	73	8	—
43341	Preston	3928	1454	144	81	1
18587	Putnam	2008	1726	36	50	2
25633	Raleigh	2530	1891	44	122	—
16028	Randolph	2363	2645	142	110	—
27875	Ritchie	2242	1346	222	38	—
21543	Roane	2334	1868	43	9	—
18420	Summers	1940	2123	35	3	—
26554	Taylor	2106	1552	129	46	4
18675	Tucker	1886	1265	122	18	—
16211	Tyler	2113	1555	113	69	—
16629	Upshur	2571	846	174	9	—
24081	Wayne	2410	2890	32	9	—
9080	Webster	932	1196	32	6	—
23855	Wetzel	2235	2874	96	55	2
9047	Wirt	1028	1042	29	7	—
38001	Wood	4596	4063	96	127	—
10392	Wyoming	1251	827	44	2	—
	Total	137869	111418	5139	3679	46
	Plurality	26451				
	Per cent	53.41	43.16	1.99	1.43	.01
	Total vote	258151				

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. Counties of Hancock, Brooke, Ohio, Marshall, Wetzel, Marion, Harrison and Lewis.
   - John W. Davis, Dem. 20,370
   - Chas. E. Carrigon, Rep. 16,962
2. Counties of Barbour, Berkeley, Grant, Hampshire, Hardy, Jefferson, Mineral, Monongalia, Morgan, Pendleton, Preston, Randolph, Taylor, Tucker.
   - William G. Brown Dem. 21,276
   - Geo. C. Sturgiss, Rep. 16,791
3. Counties of Clay, Fayette, Greenbrier, Kanawha, Monroe, Nicholas, Pocahontas, Summers, Upshur, Webster.
   - Adam C. Littlepage, Dem. 21,311
   - Joseph H. Gaines, Rep. 20,105
4. Counties of Braxton, Calhoun, Doddridge, Gilmer, Jackson, Pleasants, Ritchie, Roane, Tyler, Wirt, Wood.
   - John M. Hamilton, Dem. 17,822
   - Harry C. Woodyard, Rep. 15,592
5. Counties of Boone, Cabell, Lincoln, Logan, Mason, Mercer, Mingo, McDowell, Putnam, Raleigh, Wayne, Wyoming.
   - James A. Hughes, Rep. 25,007
   - Rankin Wiley, Dem. 22,154

Legislature.	Senate.	House.	J. B.
Republicans	15	22	37
Democrats	15	64	79

STATE OFFICERS. (All republicans.)

Governor—William E. Glasscock.
Secretary—Stuart E. Reed.
Auditor—John S. Darst.
Treasurer—E. Leslie Long.
Attorney-General—William G. Conley.
Superintendent Schools—M. P. Shawkey.

WISCONSIN (Population in 1910, 2,333,860).

Population in 1910.	Counties. (71)	Governor 1910 Dem. Schmitz	Pro. VanK	Rep. ur'nM	S.D. Gov	S.L. Kremer	President 1908 Rep. Taft	Dem. Bryan	Pro. Chafin	Soc. Debs	S.L. Gillhaus	President 1904 Rep. Roose'lt	Dem. Park'r	Pro. Sw'll'w	Soc. Debs	Peo. Wat.	S.L. Cor.
8804	Adams	158	29	602	42	—.	1167	436	56	213	1..	1398	273	47	29	1	—
21965	Ashland	473	61	1381	386	31.	2259	1582	110	32	3..	3380	1012	116	235	2	2
29114	Barron	209	141	1676	262	3.	3247	1266	243	128	2..	3563	616	242	103	9	10
15987	Bayfield	97	40	1057	191	2.	1957	569	72	174	3..	2663	350	77	32	—	5
54098	Brown	2620	91	3267	793	11.	4947	3353	129	516	8..	6007	2648	108	329	7	12
16006	Buffalo	470	22	1008	29	—.	1967	1027	56	20	—.	2143	910	64	10	9	—
9026	Burnett	75	59	848	193	—.	1181	296	93	65	1..	1258	76	54	31	1	2
16701	Calumet	1384	20	1176	132	2.	1576	1711	30	85	—.	1729	1258	36	116	9	—
32103	Chippewa	1418	104	2170	194	6.	3526	2203	148	90	2..	3732	1670	141	59	11	5
30074	Clark	720	87	2087	140	3.	3491	1576	152	92	—.	4076	1045	183	79	1	1
31129	Columbia	1379	102	2853	172	18.	4072	2363	198	140	—.	4720	1901	204	158	2	—
16288	Crawford	1176	56	1570	60	3.	2041	1586	72	63	—.	2282	1362	57	31	—	—
77435	Dane	5113	316	6392	289	4.	9441	7818	489	256	5..	11016	5679	417	242	3	—
47456	Dodge	4727	100	2632	147	—.	4015	5883	162	63	—.	4235	5105	133	67	4	—
18711	Door	279	54	1757	88	5.	2463	778	53	37	1..	2684	497	72	33	2	—
47422	Douglas	454	136	2582	695	24.	3509	1715	257	653	146..	4553	977	130	549	8	29
25260	Dunn	156	57	2179	123	8.	3297	914	102	119	—.	3236	539	123	83	7	2
32721	Eau Claire	573	100	2399	350	33.	3980	1859	173	158	—.	4327	1168	155	196	10	5
3381	Florence	104	7	467	7	—.	541	102	19	5	—.	562	82	8	5	—	—
51610	Fond du Lac	3780	171	3834	312	4.	5872	5194	244	230	5..	7021	4416	178	149	21	1
6782	Forest	122	17	726	53	1.	1023	324	31	46	3	989	160	23	23	2	—
39007	Grant	1775	140	2908	84	15.	4989	3686	288	83	—.	5801	2871	219	77	8	1
21641	Green	1196	153	1659	88	2.	2617	1856	209	122	—.	2886	1469	219	139	5	1
15491	Green Lake	1273	88	1495	64	—.	2094	1608	63	32	—.	2177	1258	84	43	3	1
22497	Iowa	1294	146	2001	42	1.	2986	2077	238	12	2..	3329	1639	162	21	2	—
8306	Iron	323	38	738	68	3.	1134	314	43	42	—.	1246	246	25	16	2	1
17075	Jackson	282	56	1438	66	1.	2693	631	65	40	2..	2744	477	89	26	—	—
34306	Jefferson	3581	107	1939	286	3.	3207	4492	161	70	2..	3658	3778	147	96	2	1
19569	Juneau	722	52	1571	260	3.	2454	1691	57	37	2..	3225	1244	78	42	11	2
32929	Kenosha	2707	123	1891	487	3.	3409	2966	239	601	—.	3293	1588	77	440	5	4
16784	Kewaunee	1628	20	1530	33	3.	1590	1731	37	63	—.	1575	1456	36	99	3	—
43206	LaCrosse	2874	155	3289	413	17.	4382	4054	189	112	2..	5497	3089	189	115	7	3
20075	Lafayette	1725	62	2119	18	1.	2832	2100	105	24	—.	2875	1928	106	28	1	2
17062	Langlade	1207	40	1298	68	3.	1921	1340	64	33	—.	2104	1016	46	30	2	1
19064	Lincoln	1582	40	1533	163	1.	2308	1813	63	99	—.	2838	1000	69	106	13	1
44978	Manitowoc	3919	51	2655	729	2.	4126	3952	61	947	5..	4611	3274	93	687	1	—

Population	Schmitz	VanKeur'n	M'Gov'n	Jacobs	Kremer	Taft	Bryan	Chafin	Debs	Gillhaus	Roosev't	Park'r	Sw'll'w	Debs	Wat.	Cor.
55054 Marathon	4087	158	2952	555	9..	5258	4703	133	276	3..	6168	3214	158	178	3	7
33812 Marinette	617	167	2423	588	21..	3454	1597	235	154	—.	3977	816	144	195	11	2
10741 Marquette	642	50	1282	21	2..	1555	798	44	17	—.	1600	752	81	9	1	—
433187 Milwaukee	16896	819	20291	28264	57..	28825	20000	1278	17496	57..	32562	18560	935	18339	30	61
28881 Monroe	1419	92	2389	165	6..	3304	2155	136	91	—.	3892	1748	145	85	7	—
25657 Oconto	1148	43	2036	174	5..	3020	1453	75	114	1..	3272	1024	68	62	5	3
11433 Oneida	441	18	1109	347	—.	1536	688	28	354	1..	1705	872	44	130	1	2
49102 Outagamie	3425	145	3488	214	5..	5079	4286	209	118	12..	5939	3129	153	113	2	2
17123 Ozaukee	1304	14	662	86	1..	1216	1856	27	60	1..	1491	1501	26	111	6	1
7577 Pepin	392	26	633	17	1..	1010	447	36	5	—.	1031	335	29	3	—	1
22079 Pierce	188	87	1635	57	4..	2988	978	150	56	—.	3485	594	129	24	3	—
21367 Polk	83	73	1494	233	—.	2788	816	146	121	—.	2982	296	101	98	2	7
30945 Portage	1559	70	2079	124	—.	3269	2362	112	50	1..	3620	2168	101	44	1	—
13795 Price	221	64	1638	332	6..	1738	609	79	236	1..	2197	401	70	71	2	—
57424 Racine	1824	277	3206	925	15..	5490	3688	429	794	—.	5568	2581	257	1453	147	5
18809 Richland	997	238	1611	92	3..	2464	1689	289	51	1..	2695	1337	295	48	3	—
55533 Rock	1059	228	3168	318	23..	7839	3227	391	265	12..	7966	2346	316	458	22	2
11160 Rusk	91	29	902	211	3..	1431	532	48	96	3..	1414	246	47	23	1	1
25010 St. Croix	1261	107	2354	148	3..	3228	1773	98	85	—.	3897	1562	116	108	10	2
32869 Sauk	1815	272	2318	42	1..	3854	2571	294	85	—.	4799	1913	342	52	—	—
6227 Sawyer	64	14	634	16	2..	815	299	18	19	—.	782	205	29	13	13	1
31884 Shawano	1121	64	1995	63	1..	3349	1750	102	40	—.	3670	1233	118	24	10	1
54388 Sheboygan	3870	134	3951	1013	8..	5948	4405	245	752	—.	6115	3419	198	901	33	19
13641 Taylor	623	32	1074	295	—.	1627	924	42	82	1..	1708	712	42	44	2	1
22928 Trempealeau	934	84	1844	37	2..	3783	1085	117	22	—.	3560	970	156	10	5	—
28116 Vernon	635	132	2277	84	2..	4114	1561	188	39	—.	4742	761	220	28	6	—
6019 Vilas	95	18	532	89	4..	794	278	18	33	—.	1464	322	25	39	—	1
29614 Walworth	1295	268	2533	99	1..	4151	1960	487	73	2..	4892	1369	263	135	3	—
8196 Washburn	138	23	855	115	1 .	1114	396	35	69	—.	989	205	31	48	—	1
23784 Washington	2293	35	2068	198	1..	2588	2625	41	77	1..	2554	2243	55	68	2	—
37100 Waukesha	2508	176	3601	599	—.	4758	3206	346	197	3..	5228	2693	205	231	1	1
32782 Waupaca	510	115	2903	212	4..	4785	1483	239	143	2..	5462	939	233	70	2	—
18886 Waushara	273	52	1597	94	—.	2821	507	114	82	14..	3137	324	96	25	3	2
62116 Winnebago	3759	196	5474	582	16..	6797	5511	412	288	3..	7723	4004	259	311	15	8
30583 Wood	1780	94	1931	558	5..	3013	2498	132	274	—.	3994	1673	96	195	4	9
Total	110442	7250	161619	39547	430..	247747	166632	11572	28170	314..	279870	124036	9770	28220	530	223
Plurality			51177		..	81115					155834					
Per cent	34.58	2.33	50.59	12.36	.14..	54.52	36.66	2.55	6.20	.07..	63.23	28.02	2.20	6.38	.12	.05
Total vote			319337				454421					442649				

The vote for governor in 1908 was: Davidson, Rep., 242,935; Aylward, Dem., 165,977; Cox, Pro., 11,760; Brown, Soc. Dem., 28,583; Botlema, Soc. Lab., 393.

FOR REPRESENTATIVES IN CONGRESS, 1910.

1. The counties of Green, Kenosha, Lafayette, Racine, Rock and Walworth.

Henry A. Cooper, Rep. 15,096
Calvin Stewart, Dem. 8,506
Michael Yabs, Soc. Dem. 1,869
Hans O. Moe, Pro. 820

2. The counties of Adams, Columbia, Dane, Green Lake, Jefferson and Marquette.

John M. Nelson, Rep. 14,009
Albert G. Schmedeman, Dem. 12,090
Francis L. Cook, Soc. Dem. 865
J. Burrit Smith, Pro. 234

3. The counties of Crawford, Grant, Iowa, Juneau, Richland, Sauk and Vernon.

Arthur W. Kopp, Rep. 13,310
William N. Coffland, Dem. 9,042
Charles H. Berryman, Pro. 821

4. The 2d, 3d, 4th, 5th, 7th, 8th, 23d, 11th, 12th, 14th, 15th, 16th and 17th wards of Milwaukee; city of Wauwatosa, city of South Milwaukee, village of Cudahy, town of Lake, town of Oak Creek, town of Franklin, town of Greenfield and town of Wauwatosa, in Milwaukee county.

William J. Cary, Rep. 12,261
Winfield R. Gaylord, Soc. Dem. 11,814
William J. Kershaw, Dem. 8,081
James M. Skinner, Pro. 74

5. The 1st, 6th, 9th, 10th, 13th, 18th, 19th, 22d, 20th and 21st wards of Milwaukee; village of North Milwaukee, village of Whitefish Bay, village of East Milwaukee, town of Milwaukee, town of Granville, in Milwaukee county; Waukesha county.

Victor L. Berger, Soc. Dem. 13,497
Henry F. Cochems, Rep. 13,147
Joseph P. Carney, Dem. 8,433
M. A. Schmeyer, Pro. 108

6. The counties of Dodge, Fond du Lac, Ozaukee, Sheboygan and Washington.

Michael E. Burke, Dem. 15,759
William H. Froelich, Rep. 13,273
John C. Bell, Soc. Dem. 1,705
George C. Hill, Pro. 143

7. The counties of Buffalo, Clark, Eau Claire, Jackson, LaCrosse, Monroe, Pepin and Trempealeau.

John J. Esch, Rep. 15,365
Paul W. Mahoney, Dem. 7,365
John Marquet, Soc. Dem. 1,180
A. A. Merrill, Pro. 458

8. The counties of Calumet, Manitowoc, Portage, Waupaca, Waushara and Winnebago.

James H. Davidson, Rep. 15,926
Fred B. Rawson, Dem. 10,654
Richard W. Burke, Soc. Dem. 1,950
Charles H. Velte, Pro. 276

9. The counties of Brown, Door, Kewaunee, Marinette, Oconto and Outagamie.

Gustav Kuestermann, Rep. 12,133
Thomas W. Konop, Dem. 12,140
Thomas J. Oliver, Soc. Dem. 1,777
Alexander McEathron, Pro. 74

10. The counties of Ashland, Florence, Forest, Iron, Langlade, Lincoln, Marathon, Oneida, Price, Shawano, Taylor, Vilas and Wood.

E. A. Morse, Rep. 17,360
John F. Lamont, Dem. 11,798
Lynn Thompson, Soc. Dem. 2,882

11. The counties of Barron, Bayfield, Burnett, Chippewa, Douglas, Dunn, Pierce, Polk, Rusk, St. Croix, Sawyer and Washburn.

Irvine L. Lenroot, Rep. 19,680
Henry M. Parks, Soc. Dem. 2,474

LEGISLATURE.	Senate.	House.	J. B.
Republicans	27	59	86
Democrats	4	29	33
Social democrats	2	12	14

STATE OFFICERS.
(All republicans.)

Governor—Francis E. McGovern.
Lieutenant-Governor—Thomas Morris.
Secretary of State—James A. Frear.
Treasurer—Andrew H. Dahl.
Attorney-General—Levi H. Bancroft.
Insurance Commissioner—Herman L. Ekern.
Superintendent of Schools—Charles P. Cary.

WYOMING (Population in 1910, 145,965).

Population in 1910.	COUNTIES. (14)	GOV. 1910 Dem. Carey.	GOV. 1910 Rep. Mullen.	PRESIDENT 1908 Rep. Taft.	PRESIDENT 1908 Dem. Bryan.	PRESIDENT 1908 Soc. Debs.	PRESIDENT 1908 Ind. Hisgen.
11574	Albany	1497	1057	1335	1152	173	5
8886	Big Horn	1563	1386	2638	1648	80	10
11282	Carbon	1401	1209	1651	1430	119	2
6294	Converse	1196	888	1030	716	18	1
6492	Crook	1007	1003	1068	799	94	—
11822	Fremont	2130	905	1838	1190	88	8
3453	Johnson	832	518	781	614	11	4
26127	Laramie	3625	2470	2965	2523	106	6
4766	Natrona	749	445	835	461	10	2
4909	Park	814	770	—	—	—	—
16324	Sheridan	2269	1319	2158	1539	218	4
11575	Sweetwater	1005	804	1299	637	224	1
16982	Uinta	2197	1377	2525	1731	478	23
4960	Weston	777	686	723	478	36	1
	Total	21086	15235	20846	14918	1715	64
	Plurality	5851		5928			
	Per cent.	55.59	40.17	55.43	39.69	4.56	.16
	Total vote	37927		37609			

For governor in 1910, W. W. Patterson, Soc., received 1,305 votes.

For president in 1908, Chafin, Pro., received 66 votes.

FOR REPRESENTATIVE IN CONGRESS, 1910.

Frank W. Mondell, Rep. 20,312
W. B. Ross, Dem. 14,659
James Morgan, Soc. 2,155

LEGISLATURE.

	Senate.	House.	J. B.
Republicans	19	29	48
Democrats	8	27	35

STATE OFFICERS.

Governor—J. M. Carey, Dem.
Secretary—F. L. Houx, Dem.
Auditor—R. B. Forsythe, Rep.
Treasurer—J. L. Baird, Rep.
Supt. Public Instruction—Miss R. Bird, Dem.
Attorney-General—W. E. Mullen, Rep.

CHICAGO AND COOK COUNTY.

VOTE FOR SHERIFF BY PRECINCTS.

Election Nov. 8, 1910.

Nominees: Frank A. Vogler, republican; Michael Zimmer, democrat; O. F. Sorber, prohibition; William Van Bodegraven, socialist.

I.	Vogler	Zim'r	Sorber	VanB
1	55	141	3	10
2	64	129	1	6
3	158	72	1	5
4	57	120	5	8
5	21	262	2	3
6	49	124	—	22
7	59	152	—	8
8	81	78	—	—
9	19	201	—	2
10	37	160	3	6
11	49	114	—	5
12	54	110	3	11
13	33	156	2	20
14	61	114	1	2
15	62	114	2	5
16	55	80	—	7
17	59	86	3	8
18	60	110	2	12
19	101	78	11	1
20	126	54	3	—
21	55	108	2	12
22	73	89	3	1
23	85	108	3	9
24	130	91	2	5
25	55	150	1	7
26	62	186	2	3
27	71	186	2	8
28	19	62	—	—
29	52	171	—	4
Total	1862	3606	57	190
II.				
1	128	97	1	10
2	75	102	2	11
3	85	85	1	5
4	75	50	—	6
5	104	44	—	1
6	99	91	2	5
7	81	50	1	5
8	93	148	2	4
9	131	130	2	9
10	74	92	4	5
11	89	112	1	9
12	154	62	—	6
13	114	30	—	—
14	107	27	1	1
15	88	60	—	4
16	166	89	1	1
17	109	86	1	12
18	84	116	2	12
19	80	114	—	16
20	130	110	5	22
21	104	116	—	20
22	83	118	1	10
23	140	134	1	8
24	152	86	3	6
25	71	76	—	10
26	113	80	3	5
27	125	60	4	1
28	157	29	1	—
29	110	67	1	12
30	106	101	1	10
31	120	93	2	11
32	87	70	3	5
33	150	27	1	1
34	86	93	2	7
35	90	97	6	12
36	96	119	5	9
37	120	60	5	7
38	106	69	3	8
39	116	80	1	7
Total	4198	3270	69	293
III.				
1	102	56	2	3
2	131	66	2	9
3	124	82	3	7
4	123	75	5	6
5	110	82	2	7
6	123	89	1	6
7	147	59	1	13
8	142	51	—	2
9	110	77	1	7
10	159	32	1	3
11	118	111	9	12
12	68	83	—	8
13	68	137	1	8
14	127	92	3	10
15	120	138	2	17
16	74	123	1	3
17	123	9	—	1
18	139	28	1	7
19	186	34	—	3
20	128	82	1	6
21	137	76	2	9
22	185	85	—	4
23	130	114	3	13
24	88	89	1	7
25	113	92	3	17
26	119	82	3	9
27	157	81	—	10
28	106	87	1	12
29	81	91	—	14
30	126	103	—	20
31	150	86	3	19
32	160	86	5	15
33	173	98	1	19
34	118	96	1	4
35	153	46	2	3
36	143	70	1	2
Total	4561	2888	62	315
IV.				
1	54	117	1	10
2	67	126	3	7
3	74	112	—	12
4	60	168	1	12
5	47	145	—	9
6	60	145	4	11
7	75	114	1	3
8	66	202	—	19
9	22	172	2	17
10	70	179	1	11
11	87	129	—	—
12	77	91	2	16
13	86	154	2	11
14	81	173	4	13
15	69	188	1	14
16	80	153	—	16
17	54	162	1	12
18	76	143	—	16
19	60	212	—	18
20	85	94	1	12
21	60	157	—	9
22	65	192	2	7
23	56	184	6	14
24	86	170	—	4
25	106	189	—	19
26	65	134	—	3
Total	1788	4005	32	295
V.				
1	40	209	—	18
2	45	187	1	5
3	58	207	3	6
4	55	198	1	6
5	45	180	1	11
6	23	172	2	2
7	48	144	1	15
8	52	152	1	17
9	27	121	—	8
10	71	117	1	5
11	33	134	3	5
12	89	109	2	4
13	91	140	3	7
14	104	165	2	7
15	70	174	—	7
16	80	117	2	2
17	53	173	1	20
18	75	143	4	15
19	50	108	2	6
20	83	135	4	15
21	60	143	1	18
22	121	139	5	18
23	102	137	1	15
24	70	149	2	32
25	73	163	6	40
26	147	144	5	18
27	132	122	5	18
28	64	166	3	18
29	90	149	1	13
30	26	118	7	25
Total	2107	4515	70	396
VI.				
1	115	51	1	3
2	99	60	—	2
3	99	60	—	2
4	139	60	2	10
5	106	69	6	8
6	106	94	3	16
7	107	70	1	7
8	71	94	4	8
9	81	82	3	10
10	105	58	4	5
11	132	94	2	6
12	120	112	4	10
13	146	93	1	5
14	115	115	4	5
15	125	85	2	5
16	111	119	—	9
17	103	106	3	—
18	61	139	—	9
19	88	128	2	10
20	96	159	6	—
21	145	129	—	4
22	107	99	3	8
23	135	115	1	5
24	100	109	3	7
25	142	104	2	6
26	152	75	1	11
27	108	90	4	9
28	97	90	3	15
29	137	69	2	8
30	143	60	2	1
31	142	82	—	1
32	188	75	2	5
33	178	74	—	2
34	200	58	1	3
35	132	98	—	20
36	113	110	3	25
37	128	99	2	3
38	101	89	1	4
39	112	80	1	8
40	100	97	2	4
41	118	106	1	9
42	129	112	2	13
43	119	109	2	2
44	115	106	3	6
45	115	114	7	8
46	88	79	—	14
47	102	96	—	4
48	110	122	1	—
49	114	83	1	4
50	137	74	3	9
51	172	107	1	4
52	161	82	—	—
53	105	87	2	8
54	190	100	3	9
55	168	58	1	1
56	160	38	1	2
57	153	34	1	1
58	156	37	—	3
Total	7193	5204	110	376
VII.				
1	169	49	3	2
2	163	58	—	7

	Vogler	Zim'r	Sorber	VanB
3.....	153	46	2	7
4.....	119	47	5	10
5.....	145	44	6	4
6.....	149	76	7	9
7.....	158	76	4	3
8.....	125	63	—	5
9.....	187	111	1	17
10.....	125	87	—	18
11.....	103	117	—	4
12.....	126	94	4	7
13.....	149	128	2	7
14.....	107	98	—	2
15.....	139	92	3	5
16.....	136	101	4	12
17.....	100	107	1	1
18.....	134	93	2	9
19.....	153	120	7	3
20.....	132	76	—	6
21.....	141	101	3	5
22.....	178	118	2	—
23.....	114	64	2	8
24.....	134	77	4	14
25.....	159	57	3	13
26.....	134	42	6	3
27.....	135	59	2	7
28.....	141	53	4	10
29.....	165	56	1	1
30.....	167	54	4	1
31.....	127	92	—	8
32.....	143	63	4	12
33.....	126	69	2	11
34.....	135	63	4	7
35.....	144	59	8	8
36.....	152	62	3	4
37.....	201	93	6	12
38.....	143	55	2	7
39.....	111	122	5	8
40.....	295	218	4	19
41.....	153	87	2	9
42.....	91	91	—	12
43.....	109	126	3	14
44.....	88	99	—	12
45.....	145	132	7	28
46.....	150	105	7	14
47.....	112	81	1	15
48.....	134	92	3	14
49.....	132	85	3	14
50.....	93	81	4	19
51.....	76	125	7	19
52.....	130	105	3	4
53.....	92	109	2	11
54.....	131	138	7	23
55.....	145	114	—	13
56.....	133	99	7	14
57.....	124	56	6	4
58.....	192	62	5	6
59.....	163	77	2	12
60.....	159	79	3	7
61.....	129	55	5	16
62.....	166	72	4	12
63.....	93	72	5	21
64.....	110	62	3	12
65.....	245	99	5	13
66.....	137	110	4	23
67.....	151	105	1	36
Total.	9400	5778	219	693

VIII.

1.....	184	96	7	12
2.....	140	102	3	21
3.....	134	68	2	17
4.....	146	69	6	36
5.....	131	93	5	26
6.....	163	100	4	26
7.....	82	177	3	20
8.....	39	157	—	7
9.....	45	136	—	1
10.....	36	215	4	14
11.....	99	56	3	10
12.....	53	115	2	25
13.....	79	107	1	22
14.....	70	130	2	20
15.....	65	76	2	20
16.....	144	103	2	7
17.....	94	109	1	30
18.....	90	154	2	12
19.....	20	138	2	10
20.....	31	174	1	7
21.....	55	162	2	14
22.....	147	105	6	29
23.....	115	123	2	21
24.....	96	89	3	11
25.....	127	107	12	32
26.....	123	98	26	59
27.....	116	129	16	35
28.....	129	138	7	39
29.....	135	92	7	27
30.....	95	78	2	22
31.....	90	112	2	9
32.....	70	79	1	13
33.....	50	34	3	13
Total.	3193	3721	141	649

IX.

1.....	21	182	2	13
2.....	18	161	2	23
3.....	17	167	9	4
4.....	23	169	3	32
5.....	27	189	1	19
6.....	60	88	1	13
7.....	61	149	8	17
8.....	23	154	1	4
9.....	37	171	1	12
10.....	24	187	3	12
11.....	24	216	2	8
12.....	22	183	1	18
13.....	49	167	2	27
14.....	22	231	1	9
15.....	21	220	—	12
16.....	52	166	2	11
17.....	20	218	1	6
Total.	521	3018	30	245

X.

1.....	79	106	—	30
2.....	65	96	2	27
3.....	69	108	—	34
4.....	20	156	—	48
5.....	60	112	2	41
6.....	74	120	3	21
7.....	59	70	1	26
8.....	83	148	1	12
9.....	70	166	—	17
10.....	73	148	—	25
11.....	42	192	—	18
12.....	27	137	1	25
13.....	32	157	2	16
14.....	41	130	2	26
15.....	64	150	—	35
16.....	29	154	2	29
17.....	113	153	1	44
18.....	91	146	1	23
19.....	46	156	1	41
Total.	1137	2605	19	518

XI.

1.....	72	94	—	8
2.....	40	140	2	31
3.....	31	129	—	1
4.....	59	115	2	28
5.....	32	153	1	10
6.....	36	208	1	32
7.....	51	139	4	21
8.....	72	78	2	31
9.....	51	110	5	21
10.....	55	135	3	20
11.....	54	103	—	33
12.....	59	115	4	30
13.....	59	126	1	15
14.....	33	183	1	11
15.....	45	146	1	8
16.....	37	170	3	4
17.....	29	177	6	12
18.....	35	166	2	18
19.....	62	173	2	13
20.....	49	164	1	9
21.....	37	186	3	18
22.....	45	210	1	22
23.....	28	187	1	22
24.....	60	191	3	18
25.....	57	168	4	16
26.....	48	148	2	15
27.....	59	194	6	27
Total.	1295	4108	61	494

XII.

1.....	46	147	—	22
2.....	36	144	3	16
3.....	31	162	3	5
4.....	78	123	2	12
5.....	34	201	3	17
6.....	66	155	1	21
7.....	101	238	2	25
8.....	98	214	3	34
9.....	46	197	2	22
10.....	85	206	2	21
11.....	67	158	3	19
12.....	103	254	4	18
13.....	86	206	—	17
14.....	75	116	—	11
15.....	55	185	4	17
16.....	49	219	5	25
17.....	25	188	1	15
18.....	44	219	3	22
19.....	32	151	—	28
20.....	28	184	3	18
21.....	19	147	—	14
22.....	33	157	3	18
23.....	25	178	1	22
24.....	32	221	2	4
25.....	44	181	6	7
26.....	53	146	7	19
27.....	33	175	1	17
28.....	31	156	9	26
29.....	16	201	5	29
30.....	44	211	12	20
31.....	49	248	1	29
32.....	36	190	—	29
33.....	30	222	5	34
34.....	20	202	1	32
35.....	24	206	4	29
36.....	38	240	1	17
37.....	22	229	3	40
38.....	42	203	5	35
39.....	22	262	1	18
40.....	14	228	—	40
41.....	32	223	4	46
42.....	20	258	3	44
43.....	19	193	4	44
Total.	1883	8344	122	998

XIII.

1.....	75	117	—	15
2.....	82	96	6	19
3.....	115	65	10	17
4.....	103	84	5	13
5.....	124	90	4	12
6.....	108	87	2	5
7.....	124	85	6	9
8.....	105	105	2	18
9.....	131	118	11	4
10.....	83	158	4	5
11.....	124	132	3	4
12.....	134	74	5	8
13.....	155	86	6	8
14.....	123	118	1	4
15.....	141	97	2	4
16.....	165	148	6	12
17.....	95	126	9	25
18.....	148	180	1	15
19.....	128	197	6	5
20.....	110	131	9	10
21.....	144	131	3	15
22.....	86	146	—	5
23.....	110	133	3	21
24.....	67	146	—	16
25.....	87	142	1	10
26.....	73	98	1	10
27.....	81	131	5	18
28.....	73	132	2	14
29.....	77	105	5	14
30.....	60	150	2	17
31.....	57	139	4	12
32.....	78	202	2	7
33.....	52	189	2	12
34.....	93	159	4	10
35.....	86	175	3	18
36.....	40	151	1	13
37.....	59	154	4	20
38.....	84	187	3	10
39.....	68	148	7	9
40.....	155	196	1	11
41.....	120	207	8	7
42.....	111	151	2	3
43.....	96	202	1	10
44.....	90	190	—	5
Total.	4420	6056	157	489

XIV.

1.....	60	136	5	25
2.....	91	129	1	35
3.....	39	180	2	17
4.....	60	158	2	10
5.....	88	123	1	15
6.....	80	134	—	36
7.....	79	144	3	38
8.....	70	155	—	4
9.....	84	147	6	23
10.....	89	114	—	12
11.....	76	142	—	13
12.....	96	90	1	15
13.....	90	105	4	25
14.....	65	123	—	23
15.....	142	109	—	17
16.....	80	168	1	35
17.....	93	134	5	19
18.....	110	114	3	20
19.....	134	114	2	2
20.....	91	112	3	10
21.....	154	134	3	15
22.....	92	95	1	7
23.....	94	95	1	17
24.....	93	109	1	23
25.....	96	109	1	20
26.....	94	100	—	16
27.....	101	98	1	19
28.....	82	117	1	20
29.....	90	83	4	21
30.....	100	94	4	7
31.....	89	85	3	9
32.....	112	107	7	12
33.....	65	77	3	15
34.....	88	76	5	16
35.....	97	65	1	6
36.....	103	64	6	15
37.....	70	73	5	18
Total.	3337	4212	86	650

XV.

1.....	108	102	3	33
2.....	85	75	2	38
3.....	80	137	2	46
4.....	67	114	1	42
5.....	108	120	5	26
6.....	67	106	2	60
7.....	82	98	3	30
8.....	73	118	4	60
9.....	82	125	3	45
10.....	86	119	2	43
11.....	87	119	6	47
12.....	100	83	8	43
13.....	105	68	2	27
14.....	93	82	—	39
15.....	142	113	4	36
16.....	141	120	2	29
17.....	69	175	2	45
18.....	91	134	2	56
19.....	79	105	5	53
20.....	103	166	2	41
21.....	113	100	5	39
22.....	82	158	2	37
23.....	134	108	2	32
24.....	160	121	3	30
25.....	111	126	5	25
26.....	70	124	2	22
27.....	87	132	—	41
28.....	84	140	1	34
29.....	59	176	4	39
30.....	90	104	—	27
31.....	50	124	2	26
32.....	92	117	1	35
33.....	125	143	3	20
34.....	59	154	2	16
Total.	3164	4106	92	1262

XVI.

1.....	53	127	1	10
2.....	96	114	2	27
3.....	76	138	—	17
4.....	90	124	—	15
5.....	128	112	1	29
6.....	70	125	1	18
7.....	66	152	1	25
8.....	38	155	—	6
9.....	67	110	3	21
10.....	38	132	—	16
11.....	53	132	—	19
12.....	38	117	1	7
13.....	78	144	—	6
14.....	46	164	1	1
15.....	58	126	—	7

	Vogler	Zim'r	Sorber	VanB
16.....	79	180	2	5
17.....	29	101	1	6
18.....	60	105	1	11
19.....	73	146	2	30
20.....	81	136	2	38
21.....	95	74	—	40
22.....	86	98	3	35
23.....	76	88	5	43
24.....	65	91	—	41
25.....	73	133	1	19
26.....	51	113	—	10
27.....	32	142	1	5
28.....	43	103	—	6
29.....	91	160	2	5
Total.	1929	3642	31	518

XVII.

1.....	54	135	1	7
2.....	71	115	—	19
3.....	65	153	—	19
4.....	47	101	2	13
5.....	54	142	3	13
6.....	57	135	1	28
7.....	78	137	1	9
8.....	44	95	2	10
9.....	25	135	1	3
10.....	57	119	1	20
11.....	54	81	—	14
12.....	84	99	2	14
13.....	110	59	2	15
14.....	75	74	1	11
15.....	86	90	2	19
16.....	58	85	2	7
17.....	59	95	4	14
18.....	62	99	4	26
19.....	101	81	3	32
20.....	66	94	3	10
21.....	67	117	3	19
22.....	62	114	4	29
23.....	118	80	—	23
24.....	120	66	1	10
25.....	133	103	3	15
26.....	73	102	2	4
27.....	44	110	1	17
Total.	1924	2816	49	420

XVIII.

1.....	109	123	2	10
2.....	103	160	—	5
3.....	107	110	1	11
4.....	57	127	2	15
5.....	75	133	3	17
6.....	133	90	3	12
7.....	79	130	2	25
8.....	68	103	1	20
9.....	92	92	2	15
10.....	59	110	5	20
11.....	98	133	3	16
12.....	65	173	2	6
13.....	23	229	1	8
14.....	142	291	2	7
15.....	59	132	4	11
16.....	82	158	—	12
17.....	39	172	5	13
18.....	86	110	1	6
19.....	39	181	3	4
20.....	30	153	3	12
21.....	59	229	2	16
22.....	50	139	1	13
23.....	63	127	2	20
24.....	78	138	4	15
25.....	108	151	1	10
26.....	70	195	3	21
Total.	1973	3889	58	340

XIX.

1.....	50	86	2	3
2.....	84	140	2	13
3.....	46	137	—	20
4.....	56	81	—	7
5.....	99	103	1	3
6.....	84	109	—	6
7.....	118	121	2	13
8.....	42	104	—	20
9.....	37	125	2	6
10.....	53	99	4	3
11.....	61	86	—	—
12.....	73	195	2	18
13.....	32	128	4	8
14.....	44	150	3	8
15.....	30	137	—	25

	Vogler	Zim'r	Sorber	VanB
16.....	33	153	2	15
17.....	48	128	2	10
18.....	43	96	—	4
19.....	71	145	1	16
20.....	59	110	—	11
21.....	50	160	1	5
22.....	61	146	1	13
23.....	23	138	—	16
24.....	26	126	3	29
25.....	35	140	—	33
Total.	1358	3143	32	305

XX.

1.....	101	72	1	17
2.....	114	88	5	10
3.....	112	79	2	13
4.....	154	67	6	7
5.....	139	83	4	19
6.....	125	106	4	13
7.....	93	91	—	13
8.....	127	87	1	9
9.....	110	61	6	22
10.....	129	75	5	13
11.....	77	96	5	21
12.....	76	94	7	19
13.....	86	97	5	13
14.....	74	92	3	22
15.....	102	102	6	18
16.....	102	100	2	32
17.....	150	73	6	12
18.....	160	95	2	22
19.....	101	78	1	21
20.....	61	67	—	17
21.....	115	84	3	16
22.....	94	133	4	6
23.....	62	100	3	14
24.....	87	140	2	25
25.....	58	121	—	5
26.....	111	104	1	22
27.....	80	107	4	42
28.....	117	103	1	19
29.....	104	109	4	27
30.....	113	108	3	24
31.....	116	110	8	16
32.....	95	90	3	19
33.....	109	111	5	5
34.....	119	102	4	16
35.....	99	117	3	15
36.....	77	99	2	17
37.....	67	144	2	22
38.....	91	98	2	22
39.....	117	117	2	37
40.....	90	114	—	38
41.....	58	91	1	19
42.....	50	106	1	31
43.....	81	117	—	18
Total.	4303	4228	129	821

XXI.

1.....	95	44	—	1
2.....	114	40	—	5
3.....	103	55	2	10
4.....	98	63	1	23
5.....	115	125	1	18
6.....	97	74	2	16
7.....	99	101	3	23
8.....	107	79	2	23
9.....	134	43	2	11
10.....	121	61	2	11
11.....	118	68	2	8
12.....	95	63	3	3
13.....	164	62	1	3
14.....	135	66	—	3
15.....	129	87	2	6
16.....	128	88	1	13
17.....	134	84	1	13
18.....	94	83	1	18
19.....	84	69	6	25
20.....	77	70	19	17
21.....	115	104	8	9
22.....	85	106	8	14
23.....	96	98	8	8
24.....	107	103	5	8
25.....	113	95	—	10
26.....	124	98	1	10
27.....	103	89	4	16
28.....	80	78	2	6
29.....	66	119	2	12
30.....	77	64	2	23
31.....	73	89	5	15

	Vogler	Zim'r	Sorber	VanB
32.....	45	111	1	16
33.....	47	132	2	11
34.....	61	115	5	33
35.....	36	118	6	27
36.....	75	97	1	14
37.....	83	107	4	20
38.....	82	106	3	9
39.....	48	55	—	5
40.....	63	105	—	18
41.....	26	117	—	10
42.....	103	107	3	13
43.....	55	118	2	20
Total.	4004	3755	123	577

XXII.

1.....	61	133	4	11
2.....	109	96	2	22
3.....	111	93	—	21
4.....	58	53	2	21
5.....	75	81	1	14
6.....	75	99	4	13
7.....	85	96	4	38
8.....	57	89	1	44
9.....	95	84	2	37
10.....	47	148	2	17
11.....	84	146	4	33
12.....	100	128	1	24
13.....	111	94	3	7
14.....	110	74	5	26
15.....	87	116	3	26
16.....	83	127	1	28
17.....	102	98	6	14
18.....	97	132	6	23
19.....	104	104	2	28
20.....	64	101	4	21
21.....	106	86	2	21
22.....	99	57	3	14
23.....	60	63	—	6
24.....	151	76	1	15
25.....	62	95	2	5
26.....	96	96	2	13
27.....	60	105	2	21
28.....	111	55	—	13
Total.	2460	2725	69	576

XXIII.

1.....	113	96	1	12
2.....	102	84	6	9
3.....	117	68	1	2
4.....	128	96	—	21
5.....	86	92	2	31
6.....	113	139	4	27
7.....	138	126	1	19
8.....	113	111	—	—
9.....	149	98	2	16
10.....	130	114	6	14
11.....	129	100	1	26
12.....	121	124	5	30
13.....	101	143	2	10
14.....	92	125	—	32
15.....	55	141	1	44
16.....	61	131	3	39
17.....	56	88	3	28
18.....	79	82	2	22
19.....	66	110	4	36
20.....	98	84	—	22
21.....	84	101	3	34
22.....	57	95	—	19
23.....	70	62	—	15
24.....	60	67	2	44
25.....	80	109	—	40
26.....	64	134	4	37
27.....	51	138	—	23
28.....	49	111	1	12
29.....	86	137	—	22
30.....	83	117	1	26
31.....	136	121	2	21
32.....	102	73	5	27
Total.	2969	3417	62	760

XXIV.

1.....	68	149	1	38
2.....	76	86	—	31
3.....	60	196	1	29
4.....	84	173	3	21
5.....	59	113	3	44
6.....	90	169	3	36
7.....	123	155	4	35
8.....	84	151	6	45
9.....	116	126	2	56
10.....	72	152	3	32

	Vogler	Zim.'r	Sorber	VanB
11.....	65	139	1	35
12.....	103	194	4	30
13.....	98	84	3	30
14.....	112	101	4	35
15.....	89	188	1	14
16.....	38	193	10	16
17.....	99	179	1	21
18.....	91	136	2	18
19.....	88	104	3	36
20.....	80	142	5	12
21.....	112	109	4	11
22.....	115	62	9	12
23.....	80	113	1	5
24.....	161	96	6	19
25.....	93	107	3	13
26.....	98	118	—	17
27.....	100	112	1	16
28.....	93	121	—	16
29.....	96	110	3	27
30.....	98	80	2	31
31.....	97	125	5	29
Total.	2838	4083	94	800

XXV.

1.....	217	95	—	8
2.....	213	78	5	9
3.....	148	104	1	23
4.....	145	133	3	30
5.....	130	109	3	6
6.....	155	105	3	17
7.....	149	106	5	29
8.....	145	105	9	22
9.....	126	106	2	21
10.....	143	102	8	23
11.....	91	105	3	38
12.....	101	86	3	22
13.....	105	101	2	26
14.....	126	76	8	24
15.....	195	121	5	29
16.....	131	87	3	19
17.....	114	51	—	5
18.....	173	86	1	10
19.....	193	49	1	3
20.....	195	79	1	2
21.....	132	90	3	19
22.....	157	76	6	28
23.....	168	78	12	32
24.....	135	69	10	34
25.....	187	61	3	39
26.....	118	50	10	44
27.....	135	66	—	16
28.....	141	80	4	7
29.....	179	58	3	29
30.....	107	45	6	46
31.....	187	95	4	15
32.....	151	96	8	55
33.....	120	98	—	21
34.....	140	76	3	5
35.....	127	96	2	10
36.....	103	83	7	18
37.....	133	84	3	18
38.....	159	106	3	7
39.....	121	78	1	2
40.....	147	96	1	8
41.....	130	79	2	2
42.....	153	78	2	10
43.....	155	88	4	3
44.....	217	68	2	4
45.....	150	67	3	6
46.....	167	85	—	8
47.....	127	90	2	5
48.....	190	87	4	6
49.....	138	78	10	8
50.....	155	67	6	3
51.....	276	100	3	21
52.....	174	98	8	4
53.....	207	80	4	3
54.....	150	69	1	2
55.....	158	75	1	2
56.....	166	82	9	13
57.....	208	105	2	6
58.....	240	97	14	13
59.....	252	144	18	38
60.....	223	89	—	5
61.....	241	81	2	11
62.....	241	110	6	21
63.....	233	137	1	5
64.....	180	115	7	12
65.....	168	89	9	14

	Vogler	Zim'r	Sorber	VanB
56.....	168	52	6	5
67.....	278	165	6	11
68.....	210	103	10	3
69.....	255	120	18	28
Total.	11352	6163	310	1091

XXVI.

1.....	99	97	1	50
2.....	78	110	4	56
3.....	94	91	1	55
4.....	78	102	2	41
5.....	83	140	1	25
6.....	93	101	5	37
7.....	81	116	2	33
8.....	91	117	3	40
9.....	91	153	—	37
10.....	157	115	3	16
11.....	131	116	5	29
12.....	97	149	8	30
13.....	109	109	2	37
14.....	75	84	5	65
15.....	105	75	—	38
16.....	99	190	6	50
17.....	139	122	4	25
18.....	103	80	3	9
19.....	121	152	10	55
20.....	112	102	4	26
21.....	137	119	12	43
22.....	133	93	12	19
23.....	171	81	9	24
24.....	112	93	11	33
25.....	148	105	5	20
26.....	112	91	6	16
27.....	119	132	9	24
28.....	151	123	4	37
29.....	102	81	6	32
30.....	155	121	4	22
31.....	151	110	14	13
32.....	160	99	14	8
33.....	160	130	3	30
34.....	150	99	8	35
35.....	169	75	4	12
36.....	153	79	5	13
37.....	146	74	13	5
38.....	174	74	7	10
39.....	152	107	3	4
40.....	155	109	11	5
41.....	179	96	9	36
42.....	141	80	18	34
43.....	122	159	9	24
44.....	96	143	13	34
45.....	130	88	7	20
46.....	176	93	11	18
47.....	159	167	11	31
48.....	108	158	3	19
49.....	69	101	1	10
Total.	6106	5401	311	1391

XXVII.

1.....	121	93	8	9
2.....	81	36	2	8
3.....	44	35	13	5
4.....	159	208	13	48
5.....	96	93	13	67
6.....	96	115	9	83
7.....	97	111	5	69
8.....	171	89	7	21
9.....	92	92	8	50
10.....	120	110	2	15
11.....	84	150	4	53
12.....	107	123	16	49
13.....	91	79	4	29
14.....	145	121	3	42
15.....	175	144	10	33
16.....	83	114	4	34
17.....	148	109	3	49
18.....	121	122	2	62
19.....	157	102	2	29
20.....	117	120	—	65
21.....	77	132	5	51
22.....	85	150	1	49
23.....	105	142	6	65
24.....	100	131	9	59
25.....	72	166	5	47
26.....	60	114	3	31
27.....	67	142	3	28
28.....	130	136	9	44
29.....	74	148	1	28
30.....	119	135	11	41
31.....	114	118	7	63

	Vogler	Zim'r	Sorber	VanB
32.....	55	133	—	35
33.....	53	196	2	28
34.....	82	154	3	44
35.....	112	174	4	48
36.....	98	81	12	92
37.....	111	122	8	55
38.....	70	106	8	40
39.....	82	114	7	27
40.....	153	113	5	37
41.....	119	109	14	29
42.....	112	68	10	25
43.....	129	143	9	49
44.....	126	107	15	72
45.....	110	136	7	51
46.....	92	100	8	51
47.....	123	105	12	41
48.....	141	97	15	56
49.....	77	146	11	70
50.....	93	77	3	39
51.....	76	103	2	67
52.....	85	115	5	58
53.....	98	93	6	79
54.....	84	93	2	37
55.....	104	156	11	57
56.....	129	116	3	47
57.....	79	70	4	43
58.....	83	107	4	57
59.....	63	109	1	33
60.....	87	94	5	46
Total.	6134	7017	378	2739

XXVIII.

1.....	56	131	2	35
2.....	89	121	2	32
3.....	85	79	3	51
4.....	97	116	5	44
5.....	108	115	5	46
6.....	119	86	4	55
7.....	124	91	8	42
8.....	119	99	6	38
9.....	101	98	10	48
10.....	107	111	9	48
11.....	72	101	9	34
12.....	85	97	3	58
13.....	99	88	2	44
14.....	67	113	1	35
15.....	63	75	7	23
16.....	66	178	2	23
17.....	81	128	4	39
18.....	78	145	2	37
19.....	122	116	1	35
20.....	81	141	3	15
21.....	82	112	1	11
22.....	77	145	—	25
23.....	120	121	12	40
24.....	142	139	10	46
25.....	110	109	1	29
26.....	83	103	4	32
27.....	99	70	5	34
28.....	140	114	8	31
29.....	159	134	6	47
30.....	148	128	10	41
31.....	109	127	2	21
32.....	162	136	2	27
33.....	139	142	12	32
34.....	149	114	5	38
35.....	117	103	1	16
36.....	119	88	1	28
37.....	137	114	5	26
38.....	104	110	1	35
39.....	114	113	9	50
40.....	83	164	2	15
Total.	4212	4615	185	1406

XXIX.

1.....	31	166	3	8
2.....	45	116	2	25
3.....	60	77	—	12
4.....	105	95	—	14
5.....	79	130	1	29
6.....	72	178	1	27
7.....	65	154	3	53
8.....	85	130	1	22
9.....	101	157	3	27
10.....	45	180	2	35
11.....	83	91	—	17
12.....	101	95	—	14
13.....	72	164	1	20
14.....	88	151	3	28
15.....	51	181	1	24

	Vogler	Zim'r	Sorber	VanB
16.....	42	168	3	12
17.....	47	130	1	13
18.....	83	156	2	5
19.....	59	136	4	20
20.....	67	143	—	19
21.....	85	135	3	21
22.....	59	139	4	16
23.....	87	153	—	11
24.....	95	222	2	12
25.....	64	205	4	9
26.....	54	168	—	17
27.....	52	151	4	23
28.....	61	180	2	16
29.....	65	136	—	36
30.....	88	182	1	24
31.....	60	177	1	50
32.....	91	128	1	26
33.....	50	64	2	31
Total.	2292	4838	55	716

XXX.

1.....	85	84	1	—
2.....	100	100	1	9
3.....	71	203	2	9
4.....	116	85	2	16
5.....	113	90	2	9
6.....	93	124	1	31
7.....	79	108	1	7
8.....	85	160	—	14
9.....	77	165	1	16
10.....	53	147	—	14
11.....	56	165	3	4
12.....	91	137	—	13
13.....	52	186	2	14
14.....	51	195	—	3
15.....	78	155	1	8
16.....	91	126	1	5
17.....	47	186	2	7
18.....	39	144	1	12
19.....	41	144	1	10
20.....	46	137	1	8
21.....	58	172	—	10
22.....	66	136	2	18
23.....	66	79	1	25
24.....	46	112	1	16
25.....	127	107	1	9
26.....	140	88	1	3
27.....	182	62	2	6
28.....	121	36	—	6
29.....	95	94	6	15
30.....	78	118	6	37
31.....	111	76	4	18
32.....	53	121	2	25
33.....	61	103	—	17
34.....	47	142	—	14
35.....	65	201	2	13
Total.	2780	4488	51	441

XXXI.

1.....	108	177	2	9
2.....	116	130	2	13
3.....	53	91	3	4
4.....	119	127	1	13
5.....	115	133	8	19
6.....	71	149	3	11
7.....	125	122	2	10
8.....	102	110	9	7
9.....	101	90	6	7
10.....	138	73	10	8
11.....	87	84	2	14
12.....	109	91	6	6
13.....	106	119	9	17
14.....	102	119	9	12
15.....	99	115	15	15
16.....	93	107	3	14
17.....	105	84	3	13
18.....	127	135	6	19
19.....	83	193	9	—
20.....	121	212	1	5
21.....	182	120	9	20
22.....	109	104	13	37
23.....	109	118	4	25
24.....	92	79	1	41
25.....	130	68	4	29
26.....	83	97	3	33
27.....	102	56	25	51
28.....	124	175	4	14
29.....	94	197	2	16
30.....	68	181	2	27
31.....	139	82	7	32

	Vogler	Zim'r	Sorber	VanB
32.....	139	86	4	19
33.....	136	125	5	27
34.....	108	190	2	35
35.....	64	121	3	29
36.....	119	202	5	25
37.....	82	147	10	54
38.....	107	165	1	51
39.....	130	140	7	42
40.....	128	110	4	32
41.....	65	131	2	20
42.....	81	151	9	24
43.....	106	192	—	35
44.....	103	157	2	51
45.....	123	76	6	23
46.....	93	107	5	19
Total.	4896	5847	248	1027

XXXII.

1.....	93	92	5	4
2.....	128	81	6	6
3.....	160	54	13	6
4.....	153	86	16	6
5.....	112	69	10	6
6.....	80	73	8	20
7.....	108	101	8	22
8.....	116	102	4	15
9.....	112	94	6	20
10.....	142	132	2	32
11.....	134	86	2	41
12.....	90	127	4	14
13.....	111	91	4	6
14.....	101	87	2	4
15.....	148	99	7	18
16.....	128	77	4	9
17.....	169	72	18	9
18.....	132	101	5	18
19.....	145	86	7	8
20.....	118	73	7	14
21.....	173	86	5	8
22.....	192	84	7	10
23.....	102	67	8	10
24.....	131	134	7	13
25.....	122	130	6	32
26.....	94	146	1	21
27.....	95	159	5	27
28.....	88	164	8	37
29.....	118	134	6	45
30.....	117	117	9	31
31.....	148	120	6	28
32.....	198	125	2	23
33.....	147	157	8	10
34.....	119	86	6	8
35.....	139	111	9	11
36.....	117	111	3	9
37.....	80	90	5	10
38.....	63	160	1	13
39.....	88	151	4	13
40.....	83	90	4	27
41.....	150	90	7	44
42.....	98	59	5	22
43.....	106	98	—	18
44.....	123	92	3	17
45.....	165	90	8	10
46.....	204	75	7	15
47.....	142	120	9	20
Total.	5882	4829	287	815

XXXIII.

1.....	166	128	7	21
2.....	157	130	6	28
3.....	116	119	4	38
4.....	102	193	9	17
5.....	131	106	11	22
6.....	131	85	10	32
7.....	156	93	8	23
8.....	163	117	6	26
9.....	67	100	2	29
10.....	88	107	4	25
11.....	134	148	3	28
12.....	70	104	2	16
13.....	68	162	1	32
14.....	56	81	5	28
15.....	83	64	1	16
16.....	103	52	2	30
17.....	86	92	20	38
18.....	138	45	10	20
19.....	101	105	6	30
20.....	90	56	—	26
21.....	127	109	5	23
22.....	117	79	3	34

	Vogler	Zim'r	Sorber	VanB
23.....	107	37	2	64
24.....	91	43	3	44
25.....	98	80	1	24
26.....	155	88	1	19
27.....	38	86	2	12
28.....	127	74	4	37
29.....	159	94	9	41
30.....	134	107	11	16
31.....	58	81	6	9
32.....	112	100	5	27
33.....	76	96	13	46
34.....	81	124	3	39
35.....	125	67	14	53
36.....	186	57	16	44
37.....	165	42	6	40
38.....	166	47	10	46
Total.	4328	3448	231	1143

XXXIV.

1.....	41	92	2	13
2.....	75	129	4	9
3.....	102	167	4	18
4.....	97	143	—	15
5.....	71	160	2	17
6.....	127	157	3	12
7.....	110	173	7	11
8.....	176	173	2	9
9.....	123	192	7	6
10.....	98	174	1	5
11.....	76	132	—	13
12.....	134	166	6	17
13.....	70	192	—	10
14.....	76	195	1	19
15.....	70	162	4	10
16.....	72	210	2	34
17.....	33	176	—	3
18.....	45	131	1	22
19.....	75	183	2	34
20.....	52	241	—	9
21.....	74	174	—	16
22.....	74	187	—	13
23.....	72	193	2	8
24.....	105	234	2	24
25.....	105	158	3	—
26.....	80	173	5	13
27.....	78	191	1	4
28.....	76	178	4	11
29.....	69	196	3	24
30.....	89	227	2	36
31.....	69	155	2	1
32.....	65	249	11	2
33.....	96	182	6	15
34.....	90	208	7	19
35.....	56	280	1	33
36.....	88	182	3	43
37.....	58	222	7	29
38.....	56	213	5	47
39.....	39	262	1	67
40.....	30	230	10	42
41.....	58	223	2	30
Total.	3250	7665	125	763

XXXV.

1.....	114	119	7	50
2.....	83	106	4	45
3.....	100	111	6	67
4.....	129	84	4	34
5.....	81	76	10	52
6.....	82	127	1	52
7.....	96	135	2	43
8.....	132	160	6	36
9.....	106	97	2	34
10.....	116	98	3	27
11.....	79	123	2	36
12.....	117	134	1	50
13.....	69	119	5	61
14.....	98	113	1	54
15.....	106	106	9	60
16.....	117	83	9	36
17.....	144	101	7	33
18.....	121	87	16	44
19.....	106	74	10	38
20.....	117	83	13	20
21.....	144	66	6	4
22.....	150	56	7	12
23.....	126	50	8	8
24.....	120	79	13	11
25.....	134	56	8	9
26.....	98	49	4	21
27.....	131	97	16	34
28.....	138	61	14	29
29.....	133	102	4	34
30.....	96	70	10	37
31.....	69	125	4	19
32.....	73	96	2	15
33.....	133	105	4	12
34.....	90	136	10	9
35.....	77	129	4	20
36.....	59	133	2	24
37.....	134	124	8	11
38.....	136	126	10	5
39.....	128	83	2	—
40.....	126	95	10	3
41.....	127	89	5	4
Total.	4535	4063	269	1193

TOTAL CITY.

Vogler, Rep.....129,584
Zimmer, Dem.....155,508
Sorber, Pro..... 4,424
V. Bodegraven, Soc. 25,705

Cicero.

	Vogler	Zim'r	Sorber	VanB
1.....	68	142	3	74
2.....	47	107	3	7
3.....	106	160	8	37
4.....	130	61	12	16
5.....	57	134	1	21
6.....	49	105	1	15
7.....	62	127	1	12
Total.	519	836	29	182

TOWNS.

Towns	Vogler	Zimmer	Sorber	VanB
Barrington .	160	48	35	9
Berwyn	382	338	35	105
Bloom	924	781	21	125
Bremen	170	111	—	7
Calumet'	756	578	45	72
Elk Grove..	167	40	—	—
Evanston ...	14	15	—	2
Hanover	98	31	2	3
Lemont	283	382	5	2
Leyden	231	138	1	16
Lyons	798	682	42	46
Maine	778	327	26	77
New Trier..	1411	521	23	73
Niles	338	166	—	13
Northfield ..	213	102	4	26
Norwood Pk.	82	56	3	6
Cak Park...	1945	913	63	124
Orland	86	36	3	1
Palatine	218	132	1	—
Palos	67	73	2	1
Proviso	1494	1195	55	495
Rich	82	41	—	3
Ridgeville ..	2129	685	138	132
Riverside ..	206	85	3	5
Shaumberg .	80	39	—	—
Stickney ...	58	37	—	5
Thornton ...	1276	872	52	292
Wheeling ...	314	220	7	6
Worth	735	467	19	55
T'l towns..	15495	9101	585	1701
Grand total.	145598	165445	5038	27588

Zimmer's plurality, 19,847.

STATE TREASURER.

Nominees: Edward E. Mitchell, rep.; Alpheus K. Hartley, dem.; Lorenzo J. Kendall, pro.; G. T. Fraenkel, soc.; Gustav Larson, soc. lab.

Ward	Mitchell	Hartley	Kendall	Fr'nk'l	Lr'n
1.....	1802	3630	66	210	4
2.....	4185	3180	79	307	14
3.....	4540	2776	71	345	14
4.....	1563	4023	41	315	15
5.....	1807	4476	71	452	22
6.....	7266	4892	122	395	10
7.....	9497	5492	220	718	25
8.....	3178	3670	171	618	37
9.....	531	2911	35	274	6
10.....	811	2505	16	580	23
11.....	1368	3714	51	560	21
12.....	2674	6578	122	1290	23
13.....	4331	5954	156	541	18
14.....	3394	4051	91	699	20
15.....	3271	3791	99	1337	27
16.....	1891	3593	34	550	14
17.....	1903	2701	61	442	24
18.....	1741	4078	60	373	9
19.....	1166	3135	40	327	28
20.....	4231	451	143	875	27
21.....	3500	3998	126	624	29
22.....	2154	2871	75	593	30
23.....	2663	3489	78	811	26
24.....	2645	4107	98	854	17
25.....	11066	5996	339	1166	59
26.....	5989	5202	337	1510	27
27.....	6400	6468	447	2909	56
28.....	4378	4199	195	1489	33
29.....	2102	4786	62	781	19
30.....	2688	4458	64	462	19
31.....	4913	5627	265	1102	33
32.....	6062	4643	285	870	29
33.....	4109	3389	237	1150	37
34.....	2647	6373	141	1051	33
35.....	4480	3753	288	1286	54
Cicero ..	654	645	30	198	8
Total ..	128681	149305	4815	28064	890
Towns ..	15998	8302	660	1788	64
Gd. t'l..	144679	157607	5475	29852	954

COUNTY TREASURER.

Nominees: Thomas J. Healy, rep.; Wm. O'Connell, dem.; Jesse P. Robinson, pro.; Lauritz Oleson, soc.

	Healy	O'Connel	Robinson	Oleson
1..	1755	3655	49	203
2..	4063	3377	72	292
3..	4306	3163	75	326
4..	1576	4042	35	301
5..	1905	4563	66	443
6..	6272	6255	124	343
7..	8945	6237	271	706
8..	3124	3708	144	652
9..	484	2948	31	253
10..	702	2717	18	546
11..	1322	3779	53	549
12..	2624	6572	102	1242
13..	4253	6038	183	515
14..	3350	4042	104	659
15..	3254	3811	94	1297
16..	1862	3525	30	526
17..	1876	2657	43	434
18..	1966	3858	63	349
19..	1230	3108	30	311
20..	4378	3983	136	844
21..	3422	4074	126	618
22..	2117	2859	70	602
23..	2614	3494	62	793
24..	2621	4084	98	837
25..	10523	6405	369	1146
26..	5739	5293	363	1465
27..	6184	6521	417	2860
28..	4222	4245	200	1461
29..	2282	4626	54	734
30..	3470	4128	71	408
31..	4887	5940	263	1039
32..	5769	4942	314	821
33..	4109	3505	251	1154
34..	3662	6453	135	944
35..	4307	3843	293	1279
Cic.	620	653	31	190
Tl..	125795	153103	4839	27142
Tns.	15435	8672	681	1720
Tl..	141230	161775	5520	28862

COUNTY CLERK.

Nominees: Jos. Haas, rep.; Robert M. Sweitzer, dem.; Joseph A. Goerz, pro.; Bernard McMahon, soc.

	Haas	Sweitzer	Goerz	McM'hn
1..	1741	3637	56	202
2..	4058	3212	66	300
3..	4386	2850	68	331
4..	1607	3940	35	283
5..	1794	4462	66	440
6..	6756	5273	104	376
7..	8830	6074	221	725
8..	3134	3639	133	655
9..	591	2850	29	257
10..	928	2443	15	549
11..	1459	3673	44	539
12..	2649	6565	103	1228
13..	3821	6475	138	503
14..	3350	4072	84	658
15..	3678	3566	91	1268
16..	2283	3292	28	483
17..	2107	2530	46	424
18..	1730	4019	63	353
19..	1194	3163	33	321
20..	3969	4355	128	840
21..	3423	4096	118	610
22..	2168	2764	80	593
23..	2745	3443	54	786
24..	2659	4047	90	822
25..	10585	6539	308	1098
26..	5928	5281	306	1435
27..	7004	6232	387	2734
28..	5695	3528	161	1330
29..	2095	4676	51	744
30..	2697	4383	60	441
31..	4706	5766	242	1050
32..	5776	4813	271	827
33..	4110	3407	223	1150
34..	3446	6570	113	956
35..	4525	3757	261	1161
Cic.	615	652	29	192
Tl..	128242	150044	4305	26664
Tns.	15606	8650	590	1725
Tl..	143848	158694	4895	28389

SUPERIOR COURT JUDGES.

Six to be elected for full terms. Successful candidates marked with an asterisk (*).

Republican nominees: Albert C. Barnes, Edward J. Brundage, Axel Chytraus, Henry V. Freeman, George A. Dupuy, Jesse Holdom.

Democratic nominees: William E. Dever,* Richard E. Burke,* Charles A. McDonald,* William Fennimore Cooper,* Martin M. Gridley,* Thomas C. Clark.*

Socialistic nominees: John M. Feigh, George Koop, Charles E. Curtis, Charles H. Kerr, Michael Sullivan, Vincent Verde.

REPUBLICAN NOMINEES.

Ward	Barnes	Brundage	Chytraus	Freeman	Dupuy	Holdom
1	1736	1760	1726	1737	1708	1707
2	4092	3926	4047	4044	4019	3994
3	4435	4307	4396	4357	4347	4351
4	1512	1607	1493	1447	1448	1387
5	1716	1892	1692	1682	1682	1555
6	7210	6863	7276	7220	7049	7221
7	9363	8661	9219	9191	9129	9025
8	3163	3121	3157	3121	3096	3041
9	496	525	495	491	481	465
10	724	934	681	668	676	642
11	1346	1428	1316	1273	1293	1234
12	2600	2518	2515	2493	2530	2430
13	4168	3896	3991	3931	3926	3844
14	3271	3204	3261	3224	3085	3140
15	3143	3098	3223	3134	3104	3038
16	1781	1790	1824	1675	1672	1687
17	1642	1717	1694	1680	1671	1550
18	1683	1788	1642	1657	1624	1604
19	1066	1236	1063	1053	1047	1006
20	4165	3948	4098	4090	4083	3941
21	3481	3323	3482	3375	3386	3370
22	2103	2136	2129	2091	2081	2016
23	2646	2777	2706	2654	2616	2574
24	2520	3219	2540	2446	2465	2368
25	10833	10394	11021	10758	10688	10460
26	5936	5721	5998	5858	6008	5639
27	6233	6069	6411	6231	6203	5821
28	4192	4173	4232	4197	4186	4051
29	2066	2095	2028	1989	1973	1944
30	2639	2618	2574	2538	2547	2494
31	4855	4680	4818	4729	4662	4540
32	5966	5876	5936	5947	5868	5694
33	4170	4060	4195	4091	4035	3980
34	3659	3576	3450	3421	3387	3311
35	4432	4224	4439	4319	4283	4120
Cicero	627	612	639	625	620	613
Total	125675	123832	125567	123437	122678	119857
Towns	15573	14412	15423	15123	14934	15123
Grd. total	141278	138244	140990	138560	137612	134980

DEMOCRATIC NOMINEES.

Ward	Dever	Burke	McDonald	Cooper	Gridley	Clark
1	3643	3672	3607	3636	3637	3629
2	3289	3287	3176	3212	3276	3187
3	2959	2884	2726	2853	2918	2747
4	4062	4034	3932	3916	3943	3943
5	4577	4564	4472	4418	4389	4482
6	5159	4899	4620	4940	5396	4873
7	6202	5780	5287	5717	6248	5661
8	3781	3640	3556	3604	3634	3663
9	2885	2872	2848	2846	2834	2853
10	2554	2456	2487	2439	2407	2435
11	3767	3653	3585	3622	3571	3608
12	6719	6599	6425	6450	6461	6485
13	6239	6585	5846	5813	5871	5762
14	4306	4122	3959	4029	4053	4059
15	4225	3810	3704	3784	3815	3798
16	3702	3555	3503	3508	3506	3528
17	3326	2637	2584	2590	2592	2589
18	3995	4074	3936	3924	3884	3902
19	3140	3221	3020	3047	3015	3031
20	4278	4224	4024	4056	4111	4078
21	4113	3986	3833	4063	4283	3952
22	2861	2793	2730	2761	2740	2736
23	3590	3409	3319	3413	3425	3398
24	4154	3875	3917	3926	3970	3940
25	6816	6037	6498	6114	6822	6010
26	5514	5127	5058	5217	5426	5236
27	7339	6665	6283	6529	6617	6609
28	4721	4441	4169	4315	4325	4300
29	4801	4707	4651	4633	4648	4679
30	4567	4538	4453	4429	4428	4402
31	5961	5838	5611	5661	5697	5691
32	4998	4709	4549	4706	4897	4683
33	3547	3450	3364	3407	3414	3441
34	6720	6731	6150	6143	6180	6169
35	4346	3904	3693	3737	3913	3865
Cicero	663	645	619	631	628	642
Total	157522	151423	146194	148089	150974	148066
Towns	8754	8429	8206	8454	10683	9447
Grd. total	166276	159852	154400	156543	161657	157513

SOCIALISTIC NOMINEES.

Ward	Feigh	Koop	Curtis	Kerr	Sullivan	Verde
1	210	204	206	205	204	196
2	301	300	301	300	300	300
3	334	336	333	332	333	333
4	303	299	297	298	301	301
5	440	436	437	437	437	435
6	359	363	361	362	358	361
7	718	709	709	706	702	709
8	651	653	651	654	651	651
9	269	268	269	268	268	268
10	556	556	556	556	556	556
11	552	550	551	552	552	552
12	1276	1269	1274	1273	1273	1273
13	609	502	503	501	501	503
14	661	670	667	668	667	669
15	1294	1294	1294	1294	1294	1294
16	516	521	518	519	517	518
17	406	418	420	415	416	416
18	362	362	362	362	362	362
19	308	307	307	307	307	307
20	839	837	836	840	838	839
21	605	604	607	606	606	606
22	599	595	592	596	595	596
23	790	775	778	779	779	779
24	799	795	799	798	797	797
25	1105	1110	1106	1108	1163	1108
26	1415	1426	1433	1424	1423	1423
27	2808	2844	2807	2810	2806	2805
28	1443	1455	1451	1452	1451	1444
29	739	742	740	740	740	740
30	448	444	444	444	444	444
31	1061	1060	1060	1061	1060	1061
32	823	820	819	819	819	819
33	1163	1161	1162	1160	1159	1160
34	969	969	969	969	969	969
35	1235	1235	1235	1235	1235	1235
Cicero	181	177	175	175	176	175
Total	27147	27066	27029	27025	27059	27004
Towns	1747	1742	1735	1733	1716	1738
Grd. total	28894	28808	28764	28758	28775	28742

SUPERIOR COURT JUDGE.

(To fill vacancy.)

Nominees: Thos. Taylor, Jr., rep.; Joseph M. Fitch, dem.; Harry B. Fish, soc.

	Taylor	Fitch	Fish
1	1723	3628	205
2	4000	3195	309
3	4367	2777	336
4	1436	3940	303
5	1723	4458	439
6	7029	4946	425
7	9247	5539	735
8	3143	3632	656
9	482	2877	265
10	711	2481	556
11	1294	3644	548
12	2442	6507	1258
13	4094	5816	505
14	3230	3981	678
15	3153	3820	1313
16	1796	3514	521
17	1759	2652	428
18	1655	3904	359
19	1162	3091	315
20	4082	3965	854
21	3484	3882	596
22	2074	2775	600
23	2595	3436	796
24	2568	4064	828
25	10617	6248	1143
26	5364	5789	1451
27	6135	6500	2871
28	4201	4296	1464
29	1970	4602	748
30	2534	4388	451
31	4743	5653	1079
32	5832	4549	829
33	4076	3402	1167
34	3380	6263	980
35	4369	3689	1268
Cicero	625	624	181
Total	123095	148527	27460
Towns	15805	8302	1754
Gd. tl.	138900	156829	29214

CIRCUIT COURT JUDGE.

(To fill vacancy.)

Nominees: Randall W. Burns, rep.; Edward O. Brown, dem.; H. E. Phillips, soc.

	Burns	Brown	Phillips
1	1600	3766	203
2	3701	3480	307
3	4051	3117	333
4	1381	4053	305
5	1625	4570	439
6	5739	6275	376
7	7296	7519	729
8	2904	3800	662
9	434	2897	266
10	672	2526	551
11	1203	3713	546
12	2245	6747	1246
13	3439	6511	505

	Burns	Brown	Phil'ps
14.....	2965	4289	670
15.....	2869	4077	1307
16.....	1722	3585	522
17.....	1693	2720	426
18.....	1602	3975	355
19.....	1036	3133	309
20.....	3587	4452	854
21.....	2701	4732	600
22.....	2007	2867	600
23.....	2312	3683	792
24.....	2341	4253	826
25.....	8618	8281	1124
26.....	4902	6086	1440
27.....	5436	7220	2842
28.....	3848	4622	1459
29.....	1889	4695	750
30.....	2505	4532	442
31.....	4340	6126	1081
32.....	4986	5566	821
33.....	3804	3684	1153
34.....	2924	6727	973
35.....	3687	4431	1250
Cicero..	579	675	178
Total	..108643	163385	27242
Towns..	13324	10722	1741
Gd. tl..	121967	174107	28983

PROBATE JUDGE.

Nominees: Charles S. Cutting, rep.; O. L. Rankin, dem.; William B. Lloyd, soc.

	Cutting	Rankin	Lloyd
1.....	1819	3570	205
2.....	4187	3057	303
3.....	4637	2601	337
4.....	1544	3921	299
5.....	1818	4347	433
6.....	7802	4377	370
7.....	9995	4985	719
8.....	3271	3510	657
9.....	541	2839	263
10.....	829	2428	550
11.....	1425	3599	548
12.....	2706	6335	1250
13.....	4536	5583	506
14.....	3452	3862	673
15.....	3384	3645	1309
16.....	1856	3466	520
17.....	1877	2595	431
18.....	1714	3844	365
19.....	1159	3037	311
20.....	4401	3850	837
21.....	3753	3702	592
22.....	2178	2712	579
23.....	2831	3270	785
24.....	2775	3878	830
25.....	11917	5256	1127
26.....	6353	4791	1448
27.....	6719	6031	2841
28.....	4529	4065	1478
29.....	2114	4556	752
30.....	2719	4337	454
31.....	5027	5489	1077
32.....	6284	4361	827
33.....	4257	3289	1157
34.....	3900	5995	963
35.....	4956	3333	1227
Cicero..	666	598	186
Total	..133931	141114	27209
Towns..	15519	7852	1746
Gd. tl..	150450	148966	28955

COUNTY JUDGE.

Nominees: Lewis Rinaker, rep.; John E. Owens, dem.; Thomas J. Morgan, soc.

	Rinaker	Owens	Morgan
1.....	1763	3640	210
2.....	4061	3219	307
3.....	4451	2870	335
4.....	1519	4019	303
5.....	1759	4514	428
6.....	7273	4794	388
7.....	9470	5577	731
8.....	3156	3622	661
9.....	492	2906	263
10.....	837	2468	544
11.....	1342	3667	543
12.....	2497	6585	1258
13.....	4010	6206	512
14.....	3311	4053	671
15.....	3240	3840	1298
16.....	1807	3560	523
17.....	1811	2744	439
18.....	1769	3891	359
19.....	1118	3142	316
20.....	4161	4113	839
21.....	3533	3967	602
22.....	2113	2807	601
23.....	2664	3457	791
24.....	2622	4055	834
25.....	11537	5824	1088
26.....	6124	5121	4460
27.....	6337	6511	2824
28.....	4309	4264	1475
29.....	2036	4710	748
30.....	2621	4532	439
31.....	4821	5805	1084
32.....	5942	4740	828
33.....	4085	3431	1171
34.....	3513	6541	926
35.....	4395	3860	1249
Cicero..	645	622	178
Total	..127144	149677	27226
Towns..	15871	8426	1767
Gd. tl..	143015	158103	28993

PROBATE COURT CLERK.

Nominees: Guy Guernsey, rep.; John A. Cervenka, dem.; Stuart S. Crippen, pro.; William Henning, soc. Wd.

	G'rns'y	Cervenka	Crippen	Hen'g
1..	1815	3571	45	209
2..	4365	3019	67	301
3..	4586	2626	61	334
4..	1480	4028	32	296
5..	1738	4465	65	427
6..	7456	4551	84	371
7..	9536	5202	235	735
8..	3180	3579	143	653
9..	471	2980	29	257
10..	608	2955	21	515
11..	1236	3932	56	519
12..	2295	7219	122	1160
13..	4251	5697	138	514
14..	3351	3925	89	631
15..	3227	3781	82	1316
16..	1772	3634	35	513
17..	1799	2730	46	427
18..	1684	3900	51	365
19..	1123	3078	28	316
20..	4263	3904	110	846
21..	3509	3915	112	657
22..	2084	2805	72	583
23..	2633	3431	57	801
24..	2586	4011	90	834
25..	11131	5684	327	1140
26..	5907	5032	324	1482
27..	6254	6432	393	2853
28..	4257	4305	173	1487
29..	1935	4957	53	731
30..	2637	4394	61	451
31..	4830	5573	240	1071
32..	6000	4475	268	829
33..	4148	3342	214	1159
34..	3288	7017	115	913
35..	4542	3617	254	1273
Cic.	581	718	25	183
Tl..	126558	148484	4317	27202
Tns.	15804	8119	618	1740
Tl..	142362	156603	4935	28942

CRIMINAL COURT CLERK.

Nominees; John Kjellander, rep.; Frank J. Walsh, dem.; George S. Marsh, pro.; Samuel W. Ball, soc.

	Kjellander	Walsh	Marsh	Ball
1..	1716	3652	49	208
2..	4015	3205	74	304
3..	4354	2807	62	338
4..	1464	4040	36	297
5..	1639	4610	72	438
6..	6981	5018	100	389
7..	9107	5694	245	741
8..	3146	3634	138	652
9..	486	2888	32	269
10..	652	2649	15	553
11..	1278	3731	48	541
12..	2473	6576	105	1240
13..	3944	5997	149	511
14..	3251	4042	104	672
15..	3211	3791	85	1306
16..	1820	3554	33	518
17..	1824	2679	43	432
18..	1629	3937	51	361
19..	1088	3121	31	317
20..	4008	4146	130	856
21..	3448	3974	114	575
22..	2173	2784	66	586
23..	2685	3423	57	785
24..	2638	4018	85	828
25..	11598	5780	283	1058
26..	6097	5061	311	1421
27..	6361	6290	397	2826
28..	4343	4212	175	1472
29..	2021	4698	50	748
30..	2564	4507	61	444
31..	4637	5982	232	1050
32..	5259	5467	294	807
33..	4129	3401	215	1153
34..	3394	6422	116	983
35..	4389	3720	256	1260
Cic.	605	638	20	186
Tl..	124427	150148	4334	27132
Tns.	15507	8313	654	1757
Tl..	139934	158461	4988	28889

COUNTY SUPT. OF SCHOOLS.

Nominees: Archibald O. Coddington, rep.; Edward J. Tobin, dem.; John W. Troeger, Pro.; Dorothy M. Madsen, soc.

	Coddington	Tobin	Troeger	M'ds'n
1..	1706	3635	46	207
2..	3918	3253	69	297
3..	4267	2830	69	334
4..	1306	4195	41	294
5..	1624	4598	73	436
6..	6871	4939	98	394
7..	8994	5660	221	730
8..	3007	3651	138	665
9..	464	2895	32	244
10..	644	2538	18	550
11..	1190	3728	50	538
12..	2284	6621	120	1243
13..	3819	5982	146	510
14..	3136	4080	103	674
15..	3076	3842	87	1317
16..	1752	3544	30	530
17..	1758	2655	46	437
18..	1609	3940	55	360
19..	1040	3100	27	308
20..	3909	4103	141	862
21..	3341	3972	112	601
22..	2038	2798	67	596
23..	2519	3460	64	792
24..	2491	4023	93	829
25..	11029	5752	297	1139
26..	5640	5203	338	1452
27..	5966	6463	419	2850
28..	4092	4271	179	1478
29..	1946	4714	52	744
30..	2484	4516	55	442
31..	4912	5738	237	1072
32..	5683	4657	292	819
33..	3971	3406	219	1157
34..	3174	6509	121	981
35..	4192	3760	283	1285
Cic.	598	639	26	180
Tl..	120072	149670	4464	27347
Tns.	15322	8300	676	1761
Tl..	135394	157970	5140	29108

PRESIDENT COUNTY COMMISSIONERS.

Nominees: Wm. Busse, rep.; Peter Bartzen, dem.; Robert F. Mix, pro.; Pierce L. Anderson, soc.

	Busse	Bartzen	Mix	And'r'n
1..	1693	3666	44	198
2..	3819	3448	83	298
3..	4186	3109	70	335
4..	1400	4144	53	285
5..	1613	4653	64	433
6..	6351	5827	123	375
7..	8208	6726	254	696
8..	2940	3850	147	668
9..	488	2931	30	257
10..	702	2564	18	543
11..	1406	3727	49	529
12..	2281	6930	115	1203
13..	3551	6616	164	472
14..	3024	4330	105	652
15..	2893	4176	89	1273
16..	1733	3647	33	508
17..	1733	2834	46	419
18..	1622	4026	55	343
19..	1028	3232	23	312
20..	3767	4455	158	801
21..	3254	4305	117	591
22..	1991	2953	72	587
23..	2366	3824	65	773
24..	2339	4391	97	798
25..	9502	7751	326	1077
26..	4979	6458	330	1345
27..	5387	7738	397	2696
28..	3782	4949	185	1401
29..	1939	4808	58	715
30..	2495	4624	64	432
31..	4196	6424	225	1049
32..	5192	5378	281	804
33..	3731	3782	241	1152
34..	2935	7095	104	914
35..	3810	4455	277	1215
Cic.	585	703	35	190
Tl..	112921	164529	4577	26339
Tns.	14973	9358	589	1709
Tl..	127894	173887	5166	28048

MEMBER BOARD OF REVIEW.

Nominees: F. D. Meacham, rep.; Thomas J. Webb, dem.; Thomas L. Haines, pro.; Robert H. Howe, soc.

	Meacham	Webb	Haines	Howe
1..	1672	3667	53	206
2..	3805	3333	69	307
3..	4182	2939	62	332
4..	1390	4067	31	297
5..	1591	4607	69	436
6..	6277	5574	105	389
7..	8065	6488	230	741
8..	2923	3759	136	662
9..	460	2897	31	262
10..	734	2531	14	549
11..	1259	3688	43	547
12..	2283	6650	95	1250
13..	3812	6093	127	498
14..	3030	4209	82	677
15..	2870	4034	92	1294
16..	1722	3592	32	412
17..	1717	2728	43	424
18..	1723	3916	53	357
19..	1062	3082	22	310

	Meacham	Webb	Haines	Howe
20..	4354	3924	147	797
21..	3079	4275	103	604
22..	1988	2887	71	593
23..	2261	3874	62	785
24..	2317	4239	90	832
25..	9078	7534	326	1130
26..	4898	5941	325	1441
27..	5353	7114	388	2843
28..	3847	4564	171	1461
29..	1897	4677	44	745
30..	2482	4623	48	444
31..	4306	6046	224	1072
32..	5142	5216	272	817
33..	3785	3591	223	1149
34..	3004	6609	101	971
35..	3705	4274	244	1260
Clc.	572	657	26	174
Tl..	112645	157799	4254	27169
Tns.	14372	9265	591	1747
Tl..	127017	167064	4845	28916

MEMBER BOARD OF ASSESSORS.

Nominees: Oscar Hebel, rep.; Frank W. Koraleski, dem.; David B. Decker, pro.; John Flora, soc.

	Hebel	Koraleski	Decker	Flora
1..	1737	3604	47	207
2..	4043	3109	73	302
3..	4484	2620	66	328
4..	1477	4040	59	298
5..	1727	4464	71	435
6..	7180	4624	95	382
7..	9330	5276	231	734
8..	3085	3648	143	663
9..	497	2867	37	264
10..	722	2537	17	548
11..	1267	3832	48	533
12..	2420	6745	111	1219
13..	4044	5709	136	502
14..	3266	3918	97	675
15..	3157	3851	100	1293
16..	1578	4101	39	472
17..	1697	2890	47	417
18..	1699	3886	54	355
19..	1107	3040	25	310
20..	4116	3840	157	815
21..	3986	3493	122	588
22..	2212	2702	65	595
23..	2848	3228	60	787
24..	2721	3882	90	817
25..	11313	5592	315	1118
26..	6052	4864	343	1418
27..	6216	6463	401	2817
28..	4160	4426	1800	1435
29..	1839	4890	63	744
30..	2632	4366	61	439
31..	4783	5562	223	1070
32..	5828	4502	311	811
33..	3989	3400	236	1163
34..	3396	6313	107	959
35..	4364	3563	258	1272
Clc.	602	699	25	171
Tl..	125574	146546	6119	26956
Tns.	15429	8122	634	1753
Tl..	141002	154668	6753	28709

PRESIDENT SANITARY DISTRICT.

Nominees: Robert R. McCormick, rep.; Thomas A. Smyth, dem.; John H. Leslie, pro.; Dan Donohue, soc.

	McCormick	Smyth	Leslie	D'n'hue
1..	1786	3610	47	199
2..	4120	3174	72	303
3..	4519	2769	69	329
4..	1555	4031	38	299
5..	1796	4497	67	439
6..	7507	4703	96	364
7..	9739	5325	199	691
8..	3139	3629	135	643
9..	510	2891	30	262
10..	700	2640	15	546
11..	1334	3743	47	534
12..	2621	6539	100	1223
13..	4780	6029	125	488
14..	3366	4008	85	661
15..	3280	3784	82	1285
16..	1817	3537	30	510
17..	1841	2673	41	416
18..	1486	4264	53	352
19..	1041	3233	23	312
20..	3949	4448	131	785
21..	3778	3801	104	582
22..	2171	2745	67	589
23..	2762	3407	56	774
24..	2644	3987	80	816
25..	11576	5814	259	1074
26..	6121	5031	281	1389
27..	6463	6360	362	2801
28..	4369	4230	173	1442
29..	2093	4597	51	729
30..	2693	4381	54	434
31..	4900	5649	207	1066
32..	5978	4645	261	777
33..	4144	3453	206	1112
34..	3797	6288	95	936
35..	4569	3656	234	1214
Clc.	631	642	25	173
Tl..	128795	148213	4000	26549
Tns.	9387	4502	341	869
Tl..	136362	152715	4341	27418

MUNICIPAL COURT JUDGES.

Nine to be elected. Successful candidates marked with an asterisk (*).

Republican nominees: John R. Newcomer,* John C. Scovel, McKenzie Cleland, Stephen A. Foster, John H. Hume, Mancha Bruggemeyer, Frank Crowe, John W. Houston, Michael F. Girten.

Democratic nominees: John R. Caverly,* John J. Rooney,* Thomas F. Scully,* Jacob H. Hopkins,* James C. Martin,* Harry P. Dolan,* Joseph Sabath,* William W. Witty, Charles A. Williams.*

Socialist nominees: Henry E. Murphy, Seymour Stedman Samuel Block, Henry G. Conrad, Wilbur C. Benton, William Schoenbrod, William A. Cunnea, Peter Sissman, D. J. Bentall.

VOTE FOR REPUBLICAN NOMINEES.

Ward.	Newcomer.	Scovel.	Cleland.	Foster.	Hume.	Bruggemeyer.	Crowe.	Houston.	Girten.
1	2170	1736	1798	1710	1709	2481	1675	1721	1639
2	4266	4013	4052	4012	3915	4290	3876	3909	3841
3	4652	4406	4448	4383	4378	4507	4264	4243	4173
4	1748	1437	1529	1430	1370	1592	1553	1367	1650
5	2197	1513	1715	1617	1552	1663	1767	1519	1733
6	7717	7048	7036	7184	7206	7330	6387	6824	6376
7	10078	9141	9235	9481	9427	9510	8523	9038	8467
8	3320	3112	3137	3139	3071	3085	3072	3052	3219
9	905	507	586	480	468	909	496	436	515
10	1119	623	816	602	602	1183	850	581	682
11	1713	1288	1398	1276	1271	1556	1405	1216	1414
12	2990	2488	2535	2434	2422	2615	2501	2310	2430
13	4971	4150	4438	4100	4085	4296	4600	3958	3942
14	3554	3250	3328	3222	3221	3243	3280	3157	3114
15	3415	3281	3203	3135	3135	3235	2966	3076	3062
16	1901	1786	1816	1740	1737	1793	1723	1798	1857
17	1940	1813	1818	1762	1769	1781	1759	1732	1793
18	2159	1665	1695	1693	1687	1811	1838	1615	1597
19	1227	971	1104	952	961	1130	1756	898	965
20	4433	3975	4081	3993	3954	4067	3992	3852	3732
21	3679	3377	3394	3432	3543	3511	3255	3304	3301
22	2239	2083	2113	2067	2082	2157	2134	2024	2143
23	2894	2668	2631	2593	2625	2792	2522	2492	2793
24	2770	2580	2544	2558	2558	2694	2543	2445	2708
25	11635	10975	10742	10897	10917	11119	9908	10336	1922
26	6437	5965	5955	5886	5884	6134	5387	5656	5666
27	6876	6288	6464	6267	6208	6424	5795	6325	5944
28	4612	4272	4387	4226	4247	4330	4061	4111	4104
29	2195	1975	2036	1948	1938	2048	2031	1913	2234
30	2745	2559	2633	2548	2537	2621	2717	2509	2794
31	5119	4694	5047	4733	4801	4880	4737	4596	5099
32	6348	5851	6181	5929	5843	5981	5460	5719	5601
33	4349	4107	4180	4206	4072	4139	4045	3966	3994
34	5052	3518	3784	3596	3397	3751	3809	3156	3401
35	5094	4451	4652	4381	4399	4446	4235	4202	4035
Total	138606	123561	126509	123412	122988	129081	129922	119056	119944

VOTE FOR DEMOCRATIC NOMINEES.

Ward.	Caverly.	Rooney.	Scully.	Hopkins.	Martin.	Dolan.	Sabath.	Witty.	Williams.
1	3761	3564	3427	3471	3542	3321	3271	3297	3228
2	3224	3215	3109	3173	3491	3034	3223	3011	3120
3	2830	2822	2695	2750	2753	2577	2906	2541	2702
4	3886	4115	3903	3808	3827	3825	3887	3756	3679
5	4356	5058	4467	4323	4347	4332	4365	4251	4214
6	5223	5149	4649	5031	4779	4561	5694	4415	4967
7	5953	6017	5234	5710	5308	5115	6127	4880	5745

Ward.	Caverly.	Rooney.	Scully.	Hopkins.	Martin.	Dolan.	Sabath.	Witty.	Williams.
8	3563	3605	3554	2552	3522	3512	3635	3475	3513
9	2547	2670	2892	2628	2637	2506	2933	2622	2591
10	2300	2365	3000	2217	2238	2286	2559	2191	2175
11	3444	3546	3808	3433	3437	3446	3783	3416	3367
12	6409	6397	6630	6285	6283	6231	6992	6225	6209
13	5768	5829	5814	5620	5495	5632	5461	5314	5468
14	3959	3955	3929	3950	3861	4085	3928	3770	3895
15	3765	3738	3726	3750	3661	3642	4055	3619	3725
16	3449	3385	3369	3384	3360	3354	3491	3322	3302
17	2591	2566	2639	255	2553	2592	2667	2538	2546
18	3823	3919	3961	3851	3845	3822	3797	3865	3726
19	2886	2792	3036	2814	2810	2816	2828	3289	2714
20	3964	4014	3998	3961	3829	3861	4140	3770	3915
21	4070	4036	3823	4185	3801	3746	3922	3690	3907
22	2778	2757	2726	2773	2698	2690	2744	2651	2644
23	3421	3337	3345	3384	3303	3212	3458	3228	3248
24	4120	3967	3970	3973	3907	3862	4027	3818	3931
25	6495	6302	5746	6391	5783	5553	6364	5311	6454
26	5241	5265	4990	5219	4930	4802	5307	4741	5479
27	6460	6432	6225	6405	6175	6097	6637	5979	6375
28	4283	4238	4299	4248	4150	4092	4444	4069	4211
29	4500	4567	4548	4446	4433	4401	4672	4389	4338
30	4377	4413	4353	4285	4243	4292	4257	4188	4172
31	5552	5633	5541	5473	5370	5349	5608	5208	5270
32	4617	4718	4409	4664	4436	4307	4769	4242	4644
33	3355	3374	3303	3316	3283	3227	3415	3202	3309
34	5865	6104	6376	5886	5778	5891	6207	5649	5780
35	3647	3721	3534	3691	3430	3971	3639	3300	3647
Total	146482	147585	145028	144604	141298	140042	149212	137232	142210

VOTE FOR SOCIALIST NOMINEES.

Ward.	Murphy.	Stedman.	Block.	Conrad.	Benton.	Schoenbrod.	Cunnea.	Sissman.	Bentall.
1	197	204	203	202	201	199	201	202	204
2	309	306	306	306	306	306	306	306	306
3	319	315	319	316	316	316	316	316	316
4	299	298	285	284	285	285	284	286	285
5	413	410	414	413	413	413	412	412	411
6	370	390	375	372	378	372	372	373	373
7	654	673	666	666	665	665	662	663	668
8	654	654	652	652	652	651	651	651	651
9	246	246	246	246	246	246	246	246	246
10	526	526	526	526	526	526	526	526	526
11	540	535	532	539	537	538	537	538	537
12	1226	1229	1223	1225	1226	1225	1226	1226	1226
13	484	485	480	478	479	480	480	478	478
14	653	662	657	656	655	656	656	656	656
15	1291	1291	1291	1291	1291	1291	1291	1291	1291
16	490	495	489	491	490	492	488	491	490
17	434	430	433	431	431	430	430	430	430
18	364	364	364	364	364	364	364	364	364
19	276	276	276	276	276	276	276	276	276
20	789	792	790	789	791	789	789	790	789
21	601	602	593	593	593	593	593	593	593
22	586	585	586	586	586	586	586	586	586
23	784	792	789	789	789	789	789	789	789
24	817	825	827	822	822	822	822	822	822
25	1162	1174	1165	1165	1164	1164	1159	1163	1165
26	1436	1438	1436	1434	1434	1435	1433	1435	1435
27	2792	2823	2805	2804	2810	2804	2805	2804	2803
28	1421	1424	1424	1424	1424	1424	1424	1424	1424
29	711	711	711	711	711	711	711	711	711
30	419	419	419	419	419	419	419	419	419
31	1071	1071	1073	1071	1070	1071	1072	1072	1072
32	820	820	820	820	820	820	820	820	820
33	1157	1157	1157	1157	1157	1157	1157	1157	1157
34	942	942	942	942	942	942	942	942	942
35	1204	1204	1204	1204	1204	1204	1204	1204	1204
Total	26457	26568	26478	26464	26473	26461	26449	26462	26465

COUNTY COMMISSIONERS.

CITY.

Ten to be elected.

George K. Schmidt, Rep..116,819
Louis H. Mack, Rep.....121,069
Carl R. Chindblom, Rep...117,906
Warren E. Colburn, Rep...117,696
Joseph S. Elias, Rep.....118,173
Joseph M. Dennis, Rep....115,638
Oscar R. Hillstrom, Rep...111,951
Gustave F. Draeger, Rep..110,959
Alfred G. Lanio, Rep.....111,508
Frank C. Leland, Rep.....108,331
Peter Bartzen,* Dem.....168,693
Joseph M. Fitzgerald,* Dem.148,156
Lawrence J. Coffey,* Dem.150,731
Frank Ragen,* Dem.....148,322
Daniel J. Harris,* Dem....147,861
Dr. George Sultan,* Dem..148,430
Bartley Burg,* Dem.....146,618
Charles Glennon,* Dem....148,748
Stanley Kudewski,* Dem..145,714
Joseph Mendel,* Dem.....154,064
Robert F. Mix, Pro.....4,712
Walter H. Rogers, Pro....4,637
Erick W. Erickson, Pro....4,639
Arthur W. Dickinson, Pro.4,572
Oscar F. Larson, Pro.....4,580
Charles G. Osterberg, Pro.4,556
Allen M. Frederick, Pro...4,568
George M. Woods, Pro.....4,586
Noah L. Kratz, Pro.....4,546
Michael Garvey, Soc.....26,394
Gustav Hoerich, Soc.....26,488
James T. Kelly, Soc.....26,473
M. M. Wilkinson, Soc.....26,482
Magnus Marcus, Soc.....26,467
Ben Olin, Soc.....26,470
Jacob Schwartz, Soc.....26,466
Frank Luchsinger, Soc.....26,468
Steve Skala, Soc.....26,458
Ed J. McGurty, Soc.....26,460
*Elected.

COUNTY OUTSIDE CITY.

Five to be elected.

William Busse,* Rep.....15,917
Alfred Van Steenberg,* Rep.15,804
William C. Hartray,* Rep..16,093
Joseph Carolan,* Rep.....15,731
August C. Boeber,* Rep....15,467
A. J. J. Miller, Dem.....9,594
August C. Buchholz, Dem..9,044

W. O. H. Cully, Dem..... 8,815
Henry B. Ansorg, Dem..... 9,119
August Frentz, Dem..... 8,813
W. B. Bardsley, Pro..... 686
E. H. Gould, Pro..... 664
John L. Derby, Pro..... 631
George P. Luce, Pro..... 660
Henry W. Binnie, Pro..... 630
P. L. Anderson, Soc..... 1,932
J. J. Billinghelmer, Soc.... 1,956

Jacob Bruning, Soc..... 1,956
John J. Hitchcock, Soc..... 1,932
W. P. Trenbeth, Soc..... 1,887
*Elected.

TRUSTEES SANITARY DISTRICT.
Three to be elected.
Robert R. McCormick, Rep.137,484
William H. Baker, Rep....128,242
Henry F. Eldmann, Rep...129,245
Thomas A. Smyth,* Dem..157,270
Thomas M. Sullivan,* Dem.148,158
Edward Kane,* Dem.....150,830
John H. Leslie, Pro..... 4,330
Avery E. Hoyt, Pro..... 4,337
George W. York, Pro..... 4,320
John Fedosky, Soc..... 27,529
Harry Whitemiller, Soc... 27,625
Dan Donohue, Soc..... 27,552

VOTE ON PROPOSITIONS.

Nov. 8, 1910.

Extension of the Torrens land title system.
For.....47,740 | Against.....10,529

For the issue of $3,500,000 city hall bonds.
For.....139,183 | Against.....110,787

For the issue of $3,000,000 Cook county bonds for new hospital buildings in connection with county poorhouse.
For.....156,175 | Against.....87,858

For the issue by the West Chicago park commissioners of $1,600,000 in bonds for additional small parks and pleasure grounds.
For.....43,454 | Against.....35,034

Question of public policy: Shall the next general assembly submit to the voters of the state of Illinois, at the next following state election, an amendment to the state constitution, providing for the control of legislation by the people, by means of the initiative and referendum; said amendment to provide for the initiation of legislation upon a petition of 8 per cent of the voters, and for the reference of legislation upon a petition of 5 per cent of the voters, the action of the majority of the electors voting to be final?
Yes.....167,280 | No.....59,429

Question of public policy: Shall the next general assembly extend the merit system by the enactment of a comprehensive and adequate state civil service law?
Yes.....166,280 | No.....55,494

Question of public policy: Shall the next general assembly enact a corrupt-practices act, limiting the amount a candidate and his supporters may spend in seeking office, and providing for an itemized statement under oath showing all expenditures so made, for what purpose made and from what source or sources received?
Yes.....161,555 | No.....55,908

For the annexation of Edison Park to the city of Chicago.
For.....121,378 | Against.....59,647
(The voters of Edison Park approved the proposition by a vote of 102 for and 93 against and the village was annexed to Chicago.)

For the annexation of Morgan Park to the city of Chicago.
For.....121,054 | Against.....61,034
(The voters of Morgan Park rejected the proposition by a vote of 429 against and 366 for, so the village was not annexed.)

COOK COUNTY FOREST PRESERVE.

For the adoption of an act to provide for the creation and management of forest preserve districts and repealing a certain act therein named and creating under said act a forest preserve district, the boundaries of which to coincide with and comprise the whole of the territory of Cook county, Illinois.
For.....127,459 | Against.....38,690

VOTE FOR ALDERMAN.

April 5, 1910.

Ward.
1. John J. Coughlin, Dem...3,736
John S. Townsend, Rep..1,147
George G. Pendell, Pro.. 198
Axel Gustafson, Soc..... 172
2. Wilson Shufelt, Rep.....3,619
J. M. Montgomery, Dem..2,375
Samuel B. Lingle, Pro... 86
Robert Kurth, Soc..... 128
Harry Snow, Ind. Rep... 20
E. C. Wentworth, Ind. Rep.1,081
Ed. H. Wright, Ind.Rep..1,587
3. William J. Pringle, Rep..3,420
James D. Marshall, Dem.2,880
John F. Johnson, Pro..... 206
Owen Brown, Soc..... 155
4. John A. Richert, Dem....3,470
Chas. C. Morrison, Pro... 131
C. J. Wegener, Soc..... 455
Scattering 8
5. Wm. J. McKenna, Rep...2,803
Charles Martin, Dem.....4,103
John W. Zug, Pro..... 93
Carl F. Gauger, Soc..... 204
Otto E. Fraelig, Ind..... 296
6. William R. Parker, Rep..5,278
Harry J. Coleman, Dem..3,725
Edmund D. Lee, Pro..... 234
Michael J. DeMuth, Soc. 197
7. Bernard W. Snow, Rep..6,386
John C. Behrer, Dem.....2,899
Samuel A. Wilson, Pro... 420
William E. Bush, Soc.... 286
8. Niel Lykke, Rep.....2,146
John S. Derpa, Dem.....3,250
Wm. J. Edwards, Pro.... 132
William H. Berndt, Soc. 295
John H. Jones, Ind. Rep.2,473
9. E. M. Abrahams, Dem...1,867
Jacob Lesser, Soc..... 150
Henry L. Fick, Ind. Dem.2,009
10. Frank J. Vavricek, Dem.2,000
Steve Skala, Soc..... 570

Ward.
A. Novotny, Ind. Rep....1,056
11. Otto J. Novak, Rep.....2,522
Frank P. Danisch, Dem..2,951
Geo. H. Van Dyke, Pro.. 87
William Neumann, Soc... 291
John Feinen, Ind..... 684
12. Anton J. Cermak, Dem...7,111
Albert J. Terwell, Pro... 446
Albert Cherney, Soc.....1,177
Scattering 8
13. James E. Evans, Rep....4,617
James R. Buckley, Dem..4,719
Winfield S. Mason, Pro.. 295
Walter Huggins, Soc..... 178
14. Charles J. Lucas, Rep....4,145
Michael F. Maher, Dem..3,466
Harry W. Hyatt, Pro.... 214
John M. Collins, Soc.... 287
15. Albert W. Beilfuss, Rep..4,699
Walter H. Jacobus, Pro.. 280
J. F. Hammersmark, Soc.1,275
16. Thos. F. Lesniak, Rep....2,726
F. W. Koraleski, Dem...3,063
William S. Lipp, Pro.... 83
Louis Alster, Soc..... 285
17. Charles J. Ryberg, Rep...1,483
William E. Dever, Dem..2,692
Walter Nelson, Pro..... 74
Wm. E. DeBoer, Soc..... 186
S. S. Walkowiak, I. Dem.1,886
18. William J. Healy, Rep...3,431
Michael C. Conlon, Dem..2,461
Chas. H. Mortimer, Pro.. 30
John A. Drexler, Soc.... 187
19. James B. Bowler, Dem..3,556
J. Henry Bentz, Pro..... 153
John Horn, Soc..... 359
20. Carl T. Murray, Rep.....5,094
Nicholas R. Finn, Dem...3,715
J. P. Ellacott, Pro..... 162
W. E. Rodriguez, Soc.... 314
21. Charles M. Foell, Rep....4,471

Ward.
J. B. H. Sheppard, Pro.. 138
Frank H. Bowen, Dem...2,158
Orange F. Sorber, Pro... 304
John C. Chase, Soc..... 345
22 B. F. Clettenberg, Rep..3,467
Pat. J. Sullivan, Dem...2,756
C. S. Wanquist, Pro..... 196
Adolph H. Schuler, Soc.. 299
23. Fred. A. Britten, Rep....3,644
Nicholas J. Schmitz, Dem.3,403
A. C. Lehmann, Pro..... 157
Ernst Jordy, Soc..... 375
24. Chester A. Strail, Rep...3,392
John Hederlein, Dem....4,354
Charles A. Grant, Soc.... 299
25. Chas. G. McRoberts, Rep.5,944
John J. Millin, Dem.....1,726
Dudley G. Hays, Pro..... 248
C. B. Robel, Soc..... 400
C. M. Thomson, Ind. Rep.8,116
26. Peter Reinberg, Dem.....5,930
Avery E. Hoyt, Pro.....1,105
R. Magison, Soc.....1,294
Scattering 18
27. James F. Clancy, Rep....5,913
Frank J. Wilson, Dem....7,235
John Hagstrom, Pro..... 671
Merle B. Haver, Soc.....1,440
C. S. Bierley, Ind. Cit.... 31
28. Wm. H. Blencoe, Rep....4,001
Charles Twigg, Dem.....5,646
John E. Larson, Pro..... 284
Thos. Winkelhofer, Soc... 529
29. John Golombiewski, Rep..3,772
Frank McDermott, Dem..4,776
Thomas Knowles, Pro.... 95
Henry Whitemiller, Soc.. 323
30. John Burns, Rep.....3,309
Joseph T. Mahoney, Dem.4,336
John O. Seaborg, Pro..... 138
Michael Sullivan, Soc.... 127
31. William J. Roberts, Rep.4,379

Henry P. Bergen, Dem...5,291	Charles Bender, Soc..... 364	Leroy A. Simmons, Pro... 155
Frank C. McGovern, Pro. 516	33. J. L. Carnegie, Rep....2,511	Lester Henson, Soc..... 354
William Henning, Soc.... 592	Eugene Block, Dem.....4,968	Stanley J. Louia, Ind.....3,192
John C. Schultz, Ind..... 598	C. W. Farrington, Pro.... 405	35. Charles J. Forsberg, Rep.5,026
32. James Rea, Rep.....6,447	Nels Anderson, Soc..... 763	George C. Sikes, Dem....3,779
Samuel J. Spence, Dem..1,998	34. John Ruxton, Rep.....3,388	Walter W. Guy, Pro..... 468
John C. Hubbs, Pro..... 564	James Donahoe, Dem.....3,748	H. W. Harris, Soc..... 412

VOTE ON ANNEXATION PROPOSITIONS.

Proposed Annexation of Morgan Park.
Vote in Chicago: For, 126,745; against, 92,282.
Vote in Morgan Park: For 319; against, 412.
Proposition defeated.

Proposed Annexation of Oak Park.
Vote in Chicago: For, 128,972; against, 92,282.
Vote in Oak Park: For, 734; against, 2,298.
Proposition defeated.

Proposed Annexation of Edison Park.
Vote in Chicago: For, 129,852; against, 95,608.
Vote in Edison Park—For, 52; against, 71.
Proposition defeated.

SPRING PRIMARIES IN CHICAGO (1911).

Jan. 30—First day to file petitions for aldermanic and mayoralty nominations.
Feb. 10—First day to file petitions for judicial nominations.
Feb. 13—Last day to file petitions for mayoralty and aldermanic primaries.
Feb. 28—Primaries for the nomination of aldermen, mayor, city clerk and city treasurer.
April 4—Election day for all city offices.
April 11—Primaries for judicial nominations.

LORIMER ELECTION INVESTIGATION.

The election of William Lorimer, republican, of Chicago, to the United States senate by a combination of republicans and democrats in the Illinois legislature May 26, 1909, resulted in 1910 in investigations by the grand juries of Cook and Sangamon counties and an inquiry by the committee on privileges and elections of the United States senate. Public attention was first called to the matter by a confession made by Representative Charles A. White of O'Fallon, Ill., and published in the Chicago Tribune, April 30, to the effect that he and others had been paid cash for voting for Mr. Lorimer for senator. May 6 Representative Lee O'Neil Browne of Ottawa, leader of the democratic minority in the house, was indicted on the charge of bribery, it being alleged that he had paid $850 to Representative Charles A. White in Chicago, June 16, 1909, on a contract and for his vote for William Lorimer as United States senator. On the same date the grand jury indicted Representative Robert E. Wilson of Chicago, democrat, and Representative Michael S. Link of Mitchell, democrat, on the charge of perjury in connection with their testimony as to the alleged division of a legislative "jack pot" at the Southern hotel in St. Louis, July 15, 1909.

May 7 statements were made by Representatives Michael S. Link and H. C. J. Beckemeyer which were held to be corroborative of Representative White's legislative-bribery story. By so doing Mr. Link purged himself of the charge of perjury.

May 27 State Senator D. W. Holstlaw, democrat, representing the 42d senatorial district, was indicted by the grand jury of Sangamon county on two counts, charging him with perjury in testimony given by him in the Springfield investigation of legislative bribery. The following day he made certain admissions to the grand jury, one of them being that State Senator John Broderick, democrat, of Chicago, had paid him $2,500 after he had cast his vote for Lorimer for senator. As a result of his testimony the following men were indicted:

State Senator John Broderick of Chicago, charged with bribery.

State Senator Stanton C. Pemberton of Oakland, charged with conspiracy to commit bribery.

State Senator D. W. Holstlaw of Iuka, charged with conspiracy to commit bribery.

Representative Joseph S. Clark of Vandalia, charged with conspiracy to commit bribery.

The indictment against Senator Holstlaw was nolle prossed. In a signed note to the public he made this statement:

"I voted for William Lorimer for United States senator and received therefor $2,500. I also received $700, which was given to me without explanation with the statement that it was coming to me. I was promised $1,500 for my connection with the letting of the furniture contract."

The furniture contract referred to was one for supplying the statehouse with new desks to replace others that were declared to be perfectly good. Senator Holstlaw resigned as senator June 3.

Lee O'Neil Browne was placed on trial before Judge McSurely in the Superior court of Cook county June 7, and the case went to the jury June 24. After being out 115 hours and 20 minutes the jury reported that it was unable to agree and was discharged. It was said that eight stood for conviction and four for acquittal. Mr. Browne was again placed on trial the second time Aug. 1 and was acquitted by the jury Sept. 9.

In response to a request by Mr. Lorimer, the United States senate adopted the following resolution June 20:

"Resolved, That the committee on privileges and elections of the senate, or any subcommittee thereof, be authorized and directed to investigate certain charges against William Lorimer, a senator from the state of Illinois, and to report to the senate whether, in the election of said William Lorimer as a senator of the United States from said state of Illinois, there were used or employed corrupt methods or practices; that said committee or subcommittee be authorized to sit during the sessions of the senate and during any recess of the senate or of congress, to hold its sessions at such place or places as it shall deem most convenient for the purposes of the investigation, to employ a stenographer, to send for persons and papers and to administer oaths, and that the expenses of the inquiry shall be paid from the contingent fund of the senate upon vouchers to be approved by the chairman of the committee."

June 21 the following subcommittee was appointed to make a thorough investigation of the Illinois senatorial bribery scandal: Republican senators—J. C. Burrows, Michigan, chairman; W. P. Dillingham, Vermont; Robert J. Gamble, South Dakota; Weldon B. Heyburn, Idaho. Democratic senators—James B. Frazier, Tennessee; Thomas H. Paynter, Kentucky; Joseph H. Johnston, Alabama. Senator Dillingham was unable to serve and Senator Morgan G. Bulkeley of Connecticut was appointed to take his place. The committee met in Chicago and, after some delay, began the taking of testimony Sept. 26. Senator Lorimer was represented by Attorneys Elbridge Hanecy and P. H. O'Donnell and his accusers by Attorney Alfred S. Austrian. The committee continued the investigation in Chicago until Oct 8, when it adjourned. It met in Washington and Dec. 12 decided that the charges were not sustained.

STATISTICS OF EDUCATION IN THE UNITED STATES.

COMMON SCHOOL STATISTICS (1907-1908).

STATE OR TERRITORY.	Estimat'd pop. in 1908.	COMMON SCHOOL ENROLLMENT.			Per ct. pop. enrolled.	Av. daily attendance.	NUMBER OF TEACHERS.		
		Boys.	Girls.	Total.			Men.	Women.	Total.
North Atlantic Division—									
Maine	721,170	.....	.....	132,533	18.38	93,483	700	6,179	6,879
New Hampshire	439,634	32,524	31,512	64,036*	14.57	49,398	255	2,744	2,999
Vermont	352,617	33,057	32,724	65,781	18.65	48,606	354	3,561	3,915
Massachusetts	3,122,680	.....	.....	524,319	16.80	429,394	1,281	13,497	14,778
Rhode Island	510,997	39,541	38,869	78,410	15.34	58,606	195	2,119	2,314
Connecticut	1,038,149	.....	.....	183,785	17.70	138,979	329	4,696	5,025
New York	8,546,356	684,740	679,890	1,364,630	15.97	1,062,571	4,996	37,592	42,588
New Jersey	2,300,427	202,639	200,227	402,866	17.51	289,167	1,106	9,173	10,279
Pennsylvania	7,137,315	617,530	613,670	1,231,200	17.25	951,670	7,488	26,525	34,013
South Atlantic Division—									
Delaware*	197,728	.....	....	39,546	20.00	27,116	155	736	891
Maryland	1,304,566	.....	.....	236,656	18.14	139,474	880	4,477	5,357
District of Columbia	317,380	25,392	27,993	53,385	16.82	43,090	196	1,387	1,583
Virginia	2,012,746	185,508	190,469	375,977	18.67	234,313	1,863	7,965	9,823
West Virginia	1,115,606	130,637	124,422	255,059	22.86	165,103	3,836	4,446	8,282
North Carolina	2,114,498	.....	.....	497,716	23.54	308,488	3,119	7,431	10,550
South Carolina	1,491,650	148,435	171,179	319,614	21.43	231,289	2,562	3,874	6,436
Georgia	2,519,514	246,276	262,127	508,403	20.18	322,053	2,860	8,036	10,896
Florida	662,942	.....	.....	134,722	20.32	94,987	835	2,762	3,597
South Central Division—									
Kentucky	2,378,306	233,586	207,791	441,377	18.56	293,891	3,619	6,190	9,809
Tennessee	2,223,094	255,926	251,961	507,887	22.85	342,505	3,682	6,323	10,005
Alabama	2,080,936	.....	.....	386,478	18.57	249,030	2,740	5,017	7,757
Mississippi	1,760,606	231,009	235,251	466,260	26.52	252,949	3,164	6,282	9,446
Louisiana	1,592,056	126,324	128,537	254,861	16.01	179,514	1,521	5,445	6,966
Texas	3,699,255	404,596	407,697	812,293	21.96	525,772	6,054	12,956	19,010
Arkansas	1,458,246	184,221	181,833	366,054	25.10	232,670	3,963	4,334	8,297
Oklahoma	1,503,289	149,546	147,529	297,075	19.76	175,673	1,400	8,491	9,891
North Central Division—									
Ohio	4,545,719	439,525	420,219	859,744	18.91	640,092	8,267	18,688	26,955
Indiana	2,775,710	266,871	264,860	531,731	19.16	422,116	6,147	10,524	16,671
Illinois	5,617,709	499,901	488,177	988,078	17.58	760,457	5,411	23,113	28,524
Michigan	2,639,050	266,440	262,912	529,352	20.06	434,452	2,433	14,974	17,407
Wisconsin	2,324,892	235,451	229,855	465,306	20.01	309,415	1,751	12,908	14,659
Minnesota	2,117,022	.....	.....	430,748	20.35	323,061	1,577	12,853	14,430
Iowa	2,196,970	.....	.....	512,581	23.33	363,565	3,009	24,941	27,950
Missouri	3,488,649	353,534	348,286	701,820	20.12	487,366	4,840	13,158	17,998
North Dakota	511,996	68,411	63,179	131,590	25.70	90,419	1,166	5,198	6,364
South Dakota	487,354	60,467	57,142	117,609	24.13	72,363	950	4,605	5,555
Nebraska	1,069,214	143,165	137,416	280,581	26.24	191,152	1,242	9,113	10,355
Kansas	1,690,871	197,662	194,347	392,009	23.18	290,904	2,465	10,520	12,985
Western Division—									
Montana	323,655	.....	.....	51,346	15.86	35,422	221	1,686	1,907
Wyoming	107,387	10,675	10,715	21,390	19 92	15,238	115	784	899
Colorado	640,861	80,201	80,067	160,268	25.01	104,269	796	4,495	5,291
New Mexico	223,332	23,412	20,235	43,647	19 54	26,844	422	643	1,065
Arizona	150,682	.....	.....	27,023	17.93	16,928	109	536	645
Utah	329,525	41,784	40,302	82,086	24.91	61,697	544	1,562	2,106
Nevada	42,335	4,942	4,819	9,761	23.06	6,910	43	371	414
Idaho	220,351	35,523	34,446	69,969	31.75	53,057	471	1,581	2,052
Washington	646,799	100,864	97,350	198,214	30.64	142,275	1,382	5,142	6,524
Oregon	495,138	55,642	51,851	107,493	21.71	94,333	783	3,460	4,243
California	1,702,377	179,978	168,115	348,093	20.45	262,552	1,376	8,246	10,222
North Atlantic Division	24,169,345	2,034,304	2,013,256	4,047,560	16.75	3,121,874	16,704	106,086	122,790
South Atlantic Division	11,736,630	1,193,834	1,227,244	2,421,078	20.63	1,565,913	16,306	41,114	57,420
South Central Division	16,695,488	1,767,856	1,765,029	3,532,885	21.16	2,251,604	26,143	55,038	81,181
North Central Division	29,464,156	2,999,685	2,941,464	5,941,149	20.17	4,385,362	39,258	160,595	199,853
Western Division	4,882,442	564,122	555,168	1,119,290	22.92	819,525	6,262	29,106	35,368
United States	86,948,061	8,559,801	8,501,161	17,061,962	19.62	12,144,278	104,673	391,939	496,612

*Estimated.

PROFESSIONAL SCHOOLS IN THE UNITED STATES.

YEAR.	THEOLOGICAL.			LAW SCHOOLS.			MEDICAL SCHOOLS.		
	No.	Teachers.	Pupils	No.	Teachers.	Pupils	No.	Teachers.	Pupils
1895-1896	144	869	8,017	73	658	9,780	116	2,902	19,999
1896-1897	157	980	8,173	77	744	10,449	118	3,142	21,438
1897-1898	155	958	8,371	83	845	11,615	122	3,423	21,002
1898-1899	163	996	8,261	96	966	11,874	122	3,562	21,401
1899-1900	154	994	8,009	96	1,004	12,516	121	3,545	22,752
1900-1901	150	988	7,567	100	1,106	13,642	123	3,876	24,199
1901-1902	148	1,034	7,343	102	1,155	13,912	154	5,029	26,821
1902-1903	153	1,031	7,372	99	1,158	14,057	146	4,928	27,062
1903-1904	153	1,055	7,392	95	1,167	14,306	152	5,252	26,949
1904-1905	156	1,094	7,411	96	1,190	14,714	148	5,465	25,835
1905-1906	150	1,103	7,968	98	1 274	15,411	152	5,837	21,924
1906-1907	162	1,256	9,178	101	1 209	16,700	152	6,626	23,720
1907-1908	156	1,348	9,583	108	1,424	18,069	149	7,545	22,787
1908-1909	162	1,350	10,218	109	1,343	18,553	141	7,957	22,158

PUBLIC AND PRIVATE HIGH SCHOOLS, 1909.

STATE OR TERRITORY.	PUBLIC HIGH SCHOOLS.					PRIVATE HIGH SCHOOLS.				
	Number.	Secondary instructors.		Secondary students.		Number.	Secondary instructors.		Secondary students.	
		Men.	Women.	Boys.	Girls.		Men.	Women.	Boys.	Girls.
North Atlantic Division—										
Maine	151	175	300	4,287	5,701	26	53	72	1,065	1,023
New Hampshire	59	80	166	2,443	2,876	25	109	66	1,546	908
Vermont	68	77	138	1,812	2,523	18	36	67	934	989
Massachusetts	223	697	1,286	23,626	28,197	80	270	356	2,788	2,765
Rhode Island	23	119	135	3,361	3,553	10	45	40	707	350
Connecticut	65	151	339	5,233	6,720	47	161	183	1,578	1,306
New York	596	1,464	2,577	44,431	57,066	167	487	827	4,798	6,046
New Jersey	139	368	549	9,034	11,142	47	214	159	2,194	1,243
Pennsylvania	731	1,386	1,134	25,997	33,376	97	413	459	5,227	4,045
South Atlantic Division—										
Delaware	19	26	50	747	977	1	3	4	44	36
Maryland	80	201	183	3,223	4,299	29	101	100	1,102	777
District of Columbia	6	82	122	2,002	2,757	20	48	150	307	721
Virginia	214	242	285	4,168	5,912	55	160	138	2,451	1,705
West Virginia	61	104	93	1,615	2,313	10	17	43	229	275
North Carolina	116	139	134	2,655	3,542	41	80	76	1,953	1,414
South Carolina	107	134	117	1,904	2,730	10	21	18	298	272
Georgia	174	261	219	4,226	5,710	32	74	88	900	1,156
Florida	75	88	103	1,221	1,799	9	11	26	122	278
South Central Division—										
Kentucky	114	206	177	3,266	4,501	48	75	148	1,199	1,460
Tennessee	99	160	157	2,970	4,392	49	121	126	2,209	2,114
Alabama	119	162	184	3,080	4,306	21	58	46	708	656
Mississippi	113	136	167	2,475	3,474	17	28	48	452	566
Louisiana	57	89	131	1,574	2,176	8	24	24	358	120
Texas	364	623	456	10,222	14,436	36	114	98	1,450	1,424
Arkansas	105	165	100	2,479	3,407	15	32	29	644	604
Oklahoma	40	99	105	1,907	2,640	5	27	7	122	94
North Central Division—										
Ohio	812	1,529	1,109	27,622	32,658	38	79	192	857	1,051
Indiana	629	1,151	804	19,219	23,103	20	57	89	768	851
Illinois	565	1,153	1,347	25,782	33,209	51	126	190	1,428	1,842
Michigan	382	676	1,063	16,848	21,419	25	42	121	1,106	1,331
Wisconsin	269	504	890	13,372	16,998	19	56	97	512	827
Minnesota	199	368	718	9,891	13,722	21	68	102	858	903
Iowa	537	672	1,064	15,638	21,892	48	64	165	1,094	1,681
Missouri	337	669	666	12,586	17,788	34	90	151	1,211	1,213
North Dakota	106	128	153	1,637	2,455	1	.....	8	12	28
South Dakota	142	171	169	2,263	3,596	6	13	19	235	217
Nebraska	376	417	564	7,941	11,292	15	29	53	446	546
Kansas	342	499	596	10,138	14,447	7	14	16	147	245
Western Division—										
Montana	31	59	90	939	1,339	3	.....	18	.....	104
Wyoming	14	16	16	223	318	1	.....	4	.....	32
Colorado	90	244	268	4,971	6,683	6	6	37	62	373
New Mexico	15	28	19	436	458	2	4	4	57	28
Arizona	12	24	32	417	548	2	4	4	17	38
Utah	27	77	72	1,236	1,642	9	60	42	640	740
Nevada	14	21	22	298	379	.....	.....	.....	.....	.....
Idaho	38	74	59	975	1,368	4	28	14	351	263
Washington	167	353	370	6,702	8,421	11	24	51	240	383
Oregon	110	168	161	3,149	4,109	9	27	37	201	329
California	185	534	863	13,860	17,392	46	109	230	878	1,789
North Atlantic Division	2055	4,517	6,624	120,034	151,154	517	1,788	2,229	20,837	18,675
South Atlantic Division	852	1,277	1,306	21,761	30,039	207	515	643	7,406	6,634
South Central Division	1011	1,640	1,477	27,774	39,332	199	459	526	7,142	7,098
North Central Division	4396	7,937	9,143	162,737	212,579	285	638	1,203	8,674	10,735
Western Division	703	1,598	1,972	33,206	42,657	93	262	441	2,436	4,079
United States	9317	16,969	20,522	365,512	475,761	1301	3,662	5,042	46,495	47,161

ENROLLMENT IN SPECIAL SCHOOLS IN 1909.

GRADE.	Public.	Private.	Total.
City evening schools	357,923	.....	357,923
Business schools	.....	154,963	154,963
Reform schools	36,908	.....	36,908
Schools for the deaf	11,236	543	11,779
Schools for the blind	4,340	.....	4,340
Schools for the feeble-minded	17,225	875	18,100
Government Indian schools	30,639	.....	30,639
Schools in Alaska supported by the government	3,068	.....	3,068
Schools in Alaska supported by incorporated municipalities (estimated)	5,000	.....	5,000
Orphan asylums and other benevolent institutions (estimated)	.....	15,000	15,000
Private kindergartens (estimated)	.....	105,932	105,932
Miscellaneous (including schools of music, oratory, elocution, cookery and various special arts, estimated)	.....	50,000	50,000
Total in special schools	466,339	327,313	793,652
Grand total	17,685,191	1,885,041	19,570,232

PROFESSORS AND INSTRUCTORS IN UNIVERSITIES AND COLLEGES FOR MEN AND FOR BOTH SEXES, 1909.

STATE OR TERRITORY.	No. of Institutions.	PROFESSORS AND INSTRUCTORS.		STUDENTS.						Work'g income.
				Preparatory.		Collegiate.		Graduate.		
		Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
North Atlantic Div.—Maine	4	165	6	.....	.....	1,169	357	13	4	$440.177
New Hampshire	3	144	.....	74	.....	1,317	15	30	.....	628.965
Vermont	3	103	.....	.....	.....	568	147	5	1	291.626
Massachusetts	12	1,376	17	194	10	6,446	480	605	61	4,272.886
Rhode Island	2	101	8	15	3	744	182	60	31	582.927
Connecticut	4	547	7	.....	.....	2,857	56	353	39	1,855.622
New York	26	2,348	119	5,516	580	9,156	2,131	1,412	495	11,985.750
New Jersey	5	259	6	349	29	1,943	.....	96	.....	852.794
Pennsylvania	29	1,432	114	2,193	843	9,580	1,441	478	129	3,811.362
So. Atlantic Div.—Delaware	2	27	2	37	25	214	22	.....	.....	75.578
Maryland	11	435	25	812	199	1,659	125	169	24	1,189.383
District of Columbia	6	505	21	480	90	646	301	163	17	505.529
Virginia	14	328	14	904	225	2,731	95	70	.....	1,200.944
West Virginia	5	102	20	436	237	672	158	.....	.....	336.404
North Carolina	14	330	36	712	287	2,317	326	102	4	844.599
South Carolina	11	166	15	781	377	1,862	80	39	15	709.998
Georgia	9	146	49	788	414	1,370	148	8	5	571.671
Florida	3	48	36	234	314	132	45	8	.....	257.723
So. Central Div.—Kentucky	9	218	44	1,049	514	1,143	280	23	4	534.120
Tennessee	15	428	82	1,518	911	1,432	479	54	26	1,036.756
Alabama	6	186	.....	244	4	1,347	52	59	1	548.708
Mississippi	6	116	11	1,077	387	1,430	119	28	5	724.450
Louisiana	5	236	39	615	229	913	24	20	35	361.381
Texas	14	366	63	1,570	957	2,416	1,186	11	4	1,115.066
Arkansas	7	101	29	965	810	780	475	5	2	346.816
Oklahoma	6	115	43	528	337	600	300	9	5	425.797
North Central Div.—Ohio	36	1,201	272	2,726	1,384	5,744	3,221	152	130	2,711.842
Indiana	16	460	71	1,108	359	4,417	1,703	203	61	1,925.421
Illinois	28	1,499	342	4,963	2,081	6,439	3,545	1,267	636	5,887.076
Michigan	10	598	61	603	219	3,801	1,264	145	83	2,216.611
Wisconsin	9	547	69	666	144	2,464	1,192	209	58	1,962.519
Minnesota	9	338	53	1,202	440	2,108	1,443	81	53	1,687.665
Iowa	26	561	257	1,998	1,537	3,683	2,436	154	125	2,168.340
Missouri	16	660	109	2,264	1,056	2,753	1,129	173	47	1,622.808
North Dakota	4	119	27	933	510	216	124	8	2	508.541
South Dakota	7	136	59	449	315	366	247	15	10	430.104
Nebraska	8	364	95	595	243	1,833	1,087	94	64	922.915
Kansas	20	572	176	2,522	1,677	2,964	1,841	84	67	1,350.946
Western Div.—Montana	3	49	23	126	69	274	149	5	3	267.196
Wyoming	1	22	8	11	14	55	21	5	4	115.858
Colorado	7	406	49	337	134	1,590	1,009	121	53	766.427
New Mexico	3	42	10	202	97	144	38	5	10	203.761
Arizona	1	20	7	98	69	38	26	5	5	152.764
Utah	3	134	36	977	610	567	315	7	9	370.386
Nevada	1	27	7	84	77	110	75	2	1	269.950
Idaho	1	31	10	116	58	172	71	1	2	285.104
Washington	6	215	56	585	344	1,605	827	49	27	1,107.912
Oregon	8	202	45	401	245	1,039	540	29	11	500.682
California	10	723	58	1,092	420	3,362	1,871	202	245	2,850.485
North Atlantic Division	88	6,475	277	8,341	1,465	33,780	4,809	3,052	760	24,722.109
South Atlantic Division	75	2,087	218	5,184	2,168	11,603	1,300	559	65	5,691.829
South Central Division	68	1,766	311	7,566	4,142	10,061	2,915	209	82	5,093.094
North Central Division	189	7,055	1,591	20,029	9,965	36,788	19,232	2,585	1,336	23,394.488
Western Division	44	1,871	309	4,029	2,137	8,956	4,942	431	370	6,890.525
United States	464	19,254	2,706	45,149	19,877	101,188	33,198	6,836	2,613	65,792,045

SCHOOL AND COLLEGE ENROLLMENT IN 1909.

GRADE.	NUMBER OF PUPILS.		
	Public.	Private.	Total.
Elementary (primary and grammar)	*16,500,000	*1,300,000	*17,800,000
Secondary (high schools and academies)	863,026	171,801	1,034,827
Universities and colleges	65,779	117,565	183,344
Professional schools	12,619	53,164	65,783
Normal schools	74,370	7,918	82,288
City evening schools	379,052	.....	379,052
Business schools	.....	146,288	146,288
Reform schools	39,877	.....	39,877
Schools for deaf	12,205	566	12,771
Schools for blind	4,413	.....	4,414
Schools for feeble-minded	17,549	927	18,476
Government Indian schools	31,463	.....	31,463
Schools in Alaska supported by the government	3,738	.....	3,738
Schools in Alaska supported by incorporated municipalities	*4,500	.....	*4,500
Orphan asylums and other benevolent institutions	.....	*15,000	*15,000
Private kindergartens	.....	*106,000	*106,000
Miscellaneous (art, music, etc.)	.....	*50,000	*50,000
Total for United States	18,008,591	1,969,229	19,977,820

*Estimated.

INSTRUCTORS AND STUDENTS IN COLLEGES FOR WOMEN (1908-1909)—DIVISION A.

STATE.	Number of institutions.	Instructors.				Students.						Total working income.
		Preparatory.		Collegiate.		Preparatory.	Collegiate.	Graduate.	Cl'ssical.	General science.	Music.	
		Men.	Women.	Men.	Women.							
North Atlantic Division—												
Massachusetts	5	.....	.....	199	303	.....	4,535	96	2,767	1,470	192	$1,774,884
New York	4	.....	.....	82	135	.....	1,982	6	816	48	103	1,217,378
Pennsylvania	1	.....	.....	29	29	.....	334	86	334	.....	.....	382,204
South Atlantic Division—												
Maryland	1	.....	.....	12	16	.....	341	4	.....	.....	.....	116,555
District of Columbia	1	.....	.....	6	20	.....	123	.....	123	.....	.....	47,000
Virginia	1	.....	.....	14	19	.....	414	.....	.....	9	.....	134,949
South Central Division—												
Louisiana	1	.....	11	10	14	105	277	.....	10	171	.....	124,706
North Central Division—												
Illinois	1	1	5	2	17	37	142	2	83	21	.....	56,476
Western Division—												
California	1	.....	.....	3	15	.....	116	.....	2	82	.....	106,469
North Atlantic Division	10	.....	.....	310	467	.....	6,851	188	3,917	1,518	295	3,374,466
South Atlantic Division	3	.....	.....	32	55	.....	878	4	123	9	.....	298,504
South Central Division	1	.....	11	10	14	105	277	.....	10	171	.....	124,706
North Central Division	1	1	5	2	17	37	142	2	83	21	.....	56,476
Western Division	1	.....	.....	3	15	.....	116	.....	2	82	.....	106,469
United States	16	1	16	357	568	142	8,264	194	4,135	1,801	295	3,960,621

INSTRUCTORS AND STUDENTS IN COLLEGES FOR WOMEN (1908-1909)—DIVISION B.

STATE.	Institutions.	Instructors.				Students.							Total working income.
		Preparatory.		Collegiate.		Preparatory.	Collegiate.	Total number.	Classical.	General science.	Music.	Art.	
		Men	Women	Men	Women								
North Atlantic Division—													
Massachusetts	1	.....	.....	6	25	6	163	169	.....	.....	103	18	$125,000
New York	1	1	21	5	17	59	57	116	57	.....	.....	.....	52,451
New Jersey	1	.....	11	1	11	132	73	205	15	54	4	.....	.....
Pennsylvania	6	3	20	29	84	337	599	936	336	35	251	16	129,346
South Atlantic Division—													
Maryland	3	.....	3	8	30	70	222	391	120	.....	140	33	25,000
Virginia	9	.....	13	31	81	200	912	1,212	321	111	371	97	193,190
West Virginia	1	.....	2	5	10	40	76	116	60	15	11	1	21,000
North Carolina	9	1	36	27	127	1,247	1,926	3,173	838	.....	763	134	252,373
South Carolina	6	1	8	22	67	188	1,074	1,262	771	190	110	46	174,161
Georgia	7	4	16	26	91	475	1,195	1,716	537	150	314	72	373,524
Florida	1	.....	.....	9	6	24	101	257	.....	.....	.....	.....	65,288
South Central Division—													
Kentucky	10	.....	20	14	88	531	732	1,289	510	90	269	.....	182,612
Tennessee	8	5	27	18	73	765	894	1,657	451	134	327	113	288,077
Alabama	6	5	25	16	73	252	744	996	426	.....	444	82	131,468
Mississippi	6	.....	15	8	81	352	885	1,237	175	90	578	112	53,158
Louisiana	1	.....	.....	2	6	40	60	100	.....	.....	.....	.....	8,400
Texas	4	2	14	6	39	345	840	1,185	75	140	270	198	229,620
Arkansas	1	.....	2	2	6	60	65	125	65	35	80	15	10,250
North Central Division—													
Ohio	3	4	28	4	47	102	375	618	330	107	120	18	187,258
Indiana	1	.....	25	.....	10	195	194	229	2	.....	.....	.....	.....
Illinois	2	.....	15	2	11	181	63	244	43	24	70	32	68,000
Wisconsin	1	.....	17	.....	17	220	204	424	50	.....	.....	.....	129,972
Minnesota	1	.....	.....	1	16	121	75	196	50	25	30	16	96,000
Missouri	8	.....	5	24	83	649	772	1,421	365	44	670	77	169,297
North Atlantic Division	9	4	52	41	137	534	892	1,426	458	89	358	34	306,797
South Atlantic Division	36	6	68	128	412	2,344	5,506	8,127	2,647	400	1,709	383	1,104,536
South Central Division	36	12	103	66	366	2,345	4,220	6,589	1,702	489	1,968	520	903,585
North Central Division	16	4	90	31	184	1,468	1,593	3,202	840	200	890	143	650,527
United States	97	25	313	266	1,099	6,691	12,211	19,344	5,647	1,244	4,925	1,080	2,965,445

DEATH OF MRS. MARY BAKER EDDY.

Mrs. Mary Baker Eddy, discoverer and founder of Christian science and author of its textbook, "Science and Health, with Key to the Scriptures," passed away at 10:45 p. m., Saturday, Dec. 3, 1910, at her home on Beacon street, Chestnut Hill, Mass. Her illness was of brief duration and was attributed to old age. She was born in Bow, N. H., July 16, 1821. Christian science was proclaimed by her in 1866 and the textbook of the new faith was published in 1875. The First Church of Christ, Scientist, was formed in Boston in 1879 and two years later Mrs. Eddy was ordained as its pastor.

FOOTBALL ACCIDENTS AND FATALITIES.

From statistics compiled by the Chicago Record-Herald it appears that twenty-two young men were killed and 499 injured during the football season of 1910 in the United States. The record since 1901 stands:

	Deaths.	Injuries.		Deaths.	Injuries.
1901	7	74	1906	14	160
1902	15	106	1907	15	166
1903	14	63	1908	11	304
1904	14	276	1909	30	216
1905	24	200	1910	22	499

THE PRESIDENT'S MESSAGE.

To the Senate and House of Representatives:

During the past year the foreign relations of the United States have continued upon a basis of friendship and good understanding.

The year has been notable as witnessing the pacific settlement of two important international controversies before the permanent court of The Hague. The arbitration of the fisheries dispute between the United States and Great Britain, which has been the source of nearly continuous diplomatic correspondence since the fisheries convention of 1818, has given an award which is satisfactory to both parties. This arbitration is particularly noteworthy not only because of the eminently just results secured, but also because it is the first arbitration held under the general arbitration treaty of April 4, 1908, between the United States and Great Britain, and disposes of a controversy the settlement of which has resisted every other resource of diplomacy, and which for nearly ninety years has been the cause of friction between two countries whose common interest lies in maintaining the most friendly and cordial relations with each other.

The United States was ably represented before the tribunal. The complicated history of the questions arising made the issue depend more than ordinarily in such cases upon the care and skill with which our case was presented, and I should be wanting in proper recognition of a great patriotic service if I did not refer to the lucid historical analysis of the facts and the signal ability and force of argument—six days in length—presented to the court in support of our case by Mr. Elihu Root. As secretary of state Mr. Root had given close study to the intricate facts bearing on the controversy, and by diplomatic correspondence had helped to frame the issues. At the solicitation of the secretary of state and myself Mr. Root, though burdened by his duties as senator from New York, undertook the preparation of the case as leading counsel, with the condition, imposed by himself, that in view of his position as senator he should not receive any compensation.

The tribunal constituted at The Hague by the governments of the United States and Venezuela has completed its deliberations and has rendered an award in the case of the Orinoco Steamship company against Venezuela. The award may be regarded as satisfactory since it has, pursuant to the contentions of the United States, recognized a number of important principles making for a judicial attitude in the determining of international disputes.

FOR COURT OF NATIONS.

In view of grave doubts which had been raised as to the constitutionality of The Hague convention for the establishment of an international prize court, now before the senate for ratification because of that provision of the convention which provides that there may be an appeal to the proposed court from the decisions of national courts, this government proposed, in an identic circular note addressed to those powers who had taken part in the London maritime conference, that the powers signatory to the convention, if confronted with such difficulty, might insert a reservation to the effect that appeals to the international prize court in respect to decisions of its national tribunals should take the form of a direct claim for compensation; that the proceedings thereupon to be taken should be in the form of a trial de novo, and that judgment of the court should consist of compensation for the illegal capture, irrespective of the decision of the national court whose judgment had thus been internationally involved. As the result of an informal discussion it was decided to provide such procedure by means of a separate protocol, which should be ratified at the same time as the prize-court convention itself.

Accordingly, the government of the Netherlands, at the request of this government, proposed under date of May 24, 1910, to the powers signatory to The Hague convention, the negotiation of a supplemental protocol embodying stipulations providing for this alternative procedure. It is gratifying to observe that this additional protocol is being signed without objection by the powers signatory to the original convention, and that there is every reason to believe that the international prize court will soon be established.

The identic circular note also proposed that the international prize court when established should be endowed with the functions of an arbitral court of justice under and pursuant to the recommendation adopted by the last Hague conference. The replies received from the various powers to this proposal inspire the hope that this also may be accomplished within the reasonably near future.

It is believed that the establishment of these two tribunals will go a long way toward securing the arbitration of many questions which have heretofore threatened and at times destroyed the peace of nations.

LIMIT OF ARMAMENTS.

Appreciating these enlightened tendencies of modern times, the congress at its last session passed a law providing for the appointment of a commission of five members "to be appointed by the president of the United States to consider the expediency of utilizing existing international agencies for the purpose of limiting the armaments of the nations of the world by international agreement, and of constituting the combined navies of the world an international force for the preservation of universal peace, and to consider and report upon any other means to diminish the expenditures of government for military purposes and to lessen the probabilities of war."

I have not as yet made appointments to this commission because I have invited and am awaiting the expressions of foreign governments as to their willingness to co-operate with us in the appointment of similar commissions or representatives who would meet with our commissioners and by joint action seek to make their work effective.

Several important treaties have been negotiated with Great Britain in the last twelve months. A preliminary diplomatic agreement has been reached regarding the arbitration of pecuniary claims which each government has against the other. This agreement, with the schedules of claims annexed, will, as soon as the schedules are arranged, be submitted to the senate for approval.

An agreement between the United States and Great Britain with regard to the location of the international boundary line between the United States and Canada in Passamaquoddy bay and the middle of Grand Manan channel was reached in a treaty concluded May 21, 1910, which has been ratified by both governments and proclaimed, thus making unnecessary the arbitration provided for in the previous treaty of April 11, 1908.

The convention concluded Jan. 11, 1909, between the United States and Great Britain, providing for the settlement of international differences between the United States and Canada, including the apportionment between the two countries of certain of the boundary waters and the appointment of commissioners to adjust certain other questions, has been ratified by both governments and proclaimed.

The work of the international fisheries commission appointed in 1908, under the treaty of April 11, 1908, between Great Britain and the United States, has resulted in the formulation and recommendation of uniform regulations governing the fisheries of the boundary waters of Canada and the United States for the purpose of protecting and increasing the supply of food fish in such waters. In completion of this work the regulations agreed upon require congressional legislation to make them effective and for their enforcement in fulfillment of the treaty stipulations.

REVOLUTION IN PORTUGAL.

In October last the monarchy in Portugal was overthrown, a provisional republic was proclaimed and there was set up a de facto government which was promptly recognized by the government of the United States for purposes of ordinary intercourse pending formal recognition by this and other powers of the governmental entity to be duly established by the national sovereignty.

A disturbance among the native tribes of Liberia in a portion of the republic during the early part of this year resulted in the sending, under the treaty of 1862, of an American vessel of war to the disaffected district, and the Liberian author-

ities, assisted by the good offices of the American naval officers, were able to restore order. The negotiations which have been undertaken for the amelioration of the conditions found in Liberia by the American commission, whose report I transmitted to congress on March 25 last, are being brought to conclusion, and it is thought that within a short time practical measures of relief may be put into effect through the good offices of this government and the cordial co-operation of other governments interested in Liberia's welfare.

To return the visit of the special embassy sent to announce the accession of his majesty Mehemet V., emperor of the Ottomans, I sent to Constantinople a special ambassador who, in addition to this mission of ceremony, was charged with the duty of expressing to the Ottoman government the value attached by the government of the United States to increased and more important relations between the countries and the desire of the United States to contribute to the larger economic and commercial development due to the new regime in Turkey.

The rapid development now beginning in that ancient empire and the marked progress and increased commercial importance of Bulgaria, Roumania and Servia make it particularly opportune that the possibilities of American commerce in the near east should receive due attention.

The national skupshtina having expressed its will that the principality of Montenegro be raised to the rank of kingdom, the prince of Montenegro on Aug. 15 last assumed the title of king of Montenegro. It gave me pleasure to accord to the new kingdom the recognition of the United States.

CHINA CENTER OF INTEREST.

The center of interest in far eastern affairs during the past year has again been China.

It is gratifying to note that the negotiations for a loan to the Chinese government for the construction of the trunk railway lines from Hankow southward to Canton and westward through the Yangtse valley, known as the Hukuang loan, were concluded by the representatives of the various financial groups in May last and the results approved by their respective governments. The agreement, already initialed by the Chinese government, is now awaiting formal ratification. The basis of the settlement of the terms of this loan was one of exact equality between America, Great Britain, France and Germany in respect to financing the loan and supplying materials for the proposed railways and their future branches.

The application of the principle underlying the policy of the United States in regard to the Hukuang loan, viz., that of the internationalization of the foreign interest in such of the railways of China as may be financed by foreign countries, was suggested on a broader scale by the secretary of state in a proposal for internationalization and commercial neutralization of all the railways of Manchuria. While the principle which led to the proposal of this government was generally admitted by the powers to whom it was addressed, the governments of Russia and Japan apprehended practical difficulties in the execution of the larger plan which prevented their ready adherence. The question of constructing the Chinchow-Aigun railway by means of an international loan to China is, however, still the subject of friendly discussion by the interested parties.

The policy of this government in these matters has been directed by a desire to make the use of American capital in the development of China an instrument in the promotion of China's welfare and material prosperity without prejudice to her legitimate rights as an independent political power.

This policy has recently found further exemplification in the assistance given by this government to the negotiations between China and a group of American bankers for a loan of $50,000,000 to be employed chiefly in currency reform. The confusion which has from ancient times existed in the monetary usages of the Chinese has been one of the principal obstacles to commercial intercourse with that people. The United States in its treaty of 1903 with China obtained a pledge from the latter to introduce a uniform national coinage, and the following year, at the request of China, this government sent to Pekin a member of the international exchange commission, to discuss with the Chinese government the best methods of introducing the reform.

In 1908 China sent a commissioner to the United States to consult with American financiers as to the possibility of securing a large loan with which to inaugurate the new currency system, but the death of their majesties, the empress dowager and the emperor of China, interrupted the negotiations, which were not resumed until a few months ago, when this government was asked to communicate to the bankers concerned the request of China for a loan of $50,000,000 for the purpose under review. A preliminary agreement between the American group and China has been made covering the loan.

For the success of this loan and the contemplated reforms, which are of the greatest importance to the commercial interests of the United States and the civilized world at large, it is realized that an expert will be necessary, and this government has received assurances from China that such an adviser, who shall be an American, will be engaged.

It is a matter of interest to Americans to note the success which is attending the efforts of China to establish gradually a system of representative government. The provincial assemblies were opened in October, 1909, and in October of the present year a consultative body, the nucleus of the future national parliament, held its first session at Pekin.

The year has further been marked by two important international agreements relating to far-eastern affairs. In the Russo-Japanese agreement relating to Manchuria, signed July 4, 1910, this government was gratified to note an assurance of continued peaceful conditions in that region and the reaffirmation of the policies with respect to China, to which the United States, together with all other interested powers, are alike solemnly committed.

The treaty annexing Korea to the empire of Japan, promulgated Aug. 29, 1910, marks the final step in a process of control of the ancient empire by her powerful neighbor that has been in progress for several years past. In communicating the fact of annexation the Japanese government gave to the government of the United States assurances of the full protection of the rights of American citizens in Korea under the changed conditions.

Friendly visits of many distinguished persons from the far east have been made during the year. Chief among these were their imperial highnesses Princes Tsai-tao and Tsai-Hsun of China and his imperial higness Prince Higashi Fushimi and Prince Tokugawa, president of the house of peers of Japan. The secretary of war has recently visited Japan and China in connection with his tour to the Philippines, and a large delegation of American business men are at present traveling in China. This exchange of friendly visits has had the happy effect of even further strengthening our friendly international relations.

SISTER REPUBLICS CELEBRATE.

During the last year several of our southern sister republics celebrated the 100th anniversary of their independence. In honor of these events special embassies were sent from this country to Argentina, Chile and Mexico, where the gracious reception and splendid hospitality extended them manifest the cordial relations and friendship existing between those countries and the United States, relations which I am happy to believe have never before been upon so high a plane and so solid a basis as at present.

The congressional commission appointed under a concurrent resolution to attend the festivities celebrating the centennial anniversary of Mexican independence, together with a special ambassador, were received with the highest honors and with the greatest cordiality, and returned with the report of the bounteous hospitality and warm reception of President Diaz and the Mexican people, which left no doubt of the desire of the immediately neighboring republic to continue the mutually beneficial and intimate relations which I feel sure the two governments will ever cherish.

At the fourth pan-American conference, which met in Buenos Aires during July and August last, after seven weeks of harmonious deliberation three

conventions were signed providing for the regulation of trade marks, patents and copyrights, which, when ratified by the different governments, will go far toward furnishing to American authors, patentees and owners of trade marks the protection needed in localities where heretofore it has been either lacking or inadequate. Further, a convention for the arbitration of pecuniary claims was signed and a number of important resolutions passed. The conventions will in due course be transmitted to the senate and the report of the delegation of the United States will be communicated to the congress for its information. The special cordiality between representative men from all parts of America which was shown at this conference cannot fail to react upon and draw still closer the relations between the countries which took part in it.

The international bureau of American republics is doing a broad and useful work for pan-American commerce and comity. Its duties were much enlarged by the international conference of American states at Buenos Aires and its name was shortened to the more practical and expressive term of Pan-American Union. Located now in its new building, which was specially dedicated April 26 of this year to the development of friendship, trade and peace among the American nations, it has improved instrumentalities to serve the twenty-two republics of this hemisphere.

I am glad to say that the action of the United States in its desire to remove imminent danger of war between Peru and Ecuador growing out of a boundary dispute, with the co-operation of Brazil and the Argentine Republic as joint mediators with this government, has already resulted successfully in preventing war. The government of Chile, while not one of the mediators, lent effective aid in furtherance of a preliminary agreement likely to lead on to an amicable settlement, and it is not doubted that the good offices of the mediating powers and the conciliatory co-operation of the governments directly interested will finally lead to a removal of this perennial cause of friction between Ecuador and Peru. The inestimable value of cordial co-operation between the sister republics of America for the maintenance of peace in this hemisphere has never been more clearly shown than in this mediation, by which three American governments have given to this hemisphere the honor of first invoking the most far-reaching provisions of The Hague convention for the pacific settlement of international disputes.

There has been signed by the representatives of the United States and Mexico a protocol submitting to the United States-Mexican boundary commission (whose membership for the purpose of this case is to be increased by the addition of a citizen of Canada) the question of sovereignty over the Chamizal tract, which lies within the present physical boundaries of the city of El Paso, Tex. The determination of this question will remove a source of no little annoyance to the two governments.

The republic of Honduras has for many years been burdened with a heavy bonded debt held in Europe, the interest on which long ago fell in arrears. Finally conditions were such that it became imperative to refund the debt and place the finances of the republic upon a sound basis. Last year a group of American bankers undertook to do this and to advance funds for railway and other improvements contributing directly to the country's prosperity and commerce—an arrangement which has long been desired by this government. Negotiations to this end have been under way for more than a year, and it is now confidently believed that a short time will suffice to conclude an arrangement which will be satisfactory to the foreign creditors, eminently advantageous to Honduras and highly creditable to the judgment and foresight of the Honduranean government. This is much to be desired, since, as recognized by the Washington conventions, a strong Honduras would tend immensely to the progress and prosperity of Central America.

During the past year the Republic of Nicaragua has been the scene of internecine struggle. Gen. Zelaya, for seventeen years the absolute ruler of Nicaragua, was throughout his career the disturber of Central America and opposed every plan for the promotion of peace and friendly relations between the five republics. When the people of Nicaragua were finally driven into rebellion by his lawless exactions he violated the laws of war by the unwarranted execution of two American citizens who had regularly enlisted in the ranks of the revolutionists.

This and other offenses made it the duty of the American government to take measures with a view to ultimate reparation and for the safeguarding of its interests. This involved the breaking off of all diplomatic relations with the Zelaya government for the reasons laid down in a communication from the secretary of state, which also notified the contending factions in Nicaragua that this government would hold each to strict accountability for outrages on the rights of American citizens. American forces were sent to both coasts of Nicaragua to be in readiness should occasion arise to protect Americans and their interests and remained there until the war was over and peace had returned to that unfortunate country. These events, together with Zelaya's continued exactions, brought him so clearly to the bar of public opinion that he was forced to resign and to take refuge abroad.

In the above-mentioned communication of the secretary of state to the charge d'affaires of the Zelaya government the opinion was expressed that the revolution represented the wishes of the majority of the Nicaraguan people. This has now been proved beyond doubt by the fact that since the complete overthrow of the Madriz government and the occupation of the capital by the forces of the revolution all factions have united to maintain public order, and, as a result of discussion with an agent of this government, sent to Managua at the request of the provisional government, comprehensive plans are being made for the future welfare of Nicaragua, including the rehabilitation of public credit. The moderation and conciliatory spirit shown by the various factions give ground for the confident hope that Nicaragua will soon take its rightful place among the law-abiding and progressive countries of the world.

It gratifies me exceedingly to announce that the Argentine Republic some months ago placed with American manufacturers a contract for the construction of two battleships and certain additional naval equipment. The extent of this work and its importance to the Argentine Republic make the placing of the bid an earnest of friendly feeling toward the United States.

TARIFF ISSUES ADJUSTED.

The new tariff law, in section 2, respecting the maximum and minimum tariffs of the United States, which provisions came into effect on April 1, 1910, imposed upon the president the responsibility of determining prior to that date whether or not any undue discrimination existed against the United States and its products in any country of the world with which we sustained commercial relations.

In the case of several countries instances of apparent undue discrimination against American commerce were found to exist. These discriminations were removed by negotiation. Prior to April 1, 1910, when the maximum tariff was to come into operation with respect to importations from all those countries in whose favor no proclamation applying the minimum tariff should be issued by the president, 134 such proclamations were issued. This series of proclamations embraced the entire commercial world, and hence the minimum tariff of the United States has been given universal application, thus testifying to the satisfactory character of our trade relations with foreign countries.

Marked advantages to the commerce of the United States were obtained through these tariff settlements. Foreign nations are fully cognizant of the fact that under section 2 of the tariff act the president is required, whenever he is satisfied that the treatment accorded by them to the products of the United States is not such as to entitle them to the benefits of the minimum tariff of the United States, to withdraw those benefits by proclamation, giving ninety days' notice, after which the maximum tariff will apply to their dutiable products entering the United States. In its general operation this section of the tariff law has

thus far proved a guaranty of continued commercial peace, although there are, unfortunately, instances where foreign governments deal arbitrarily with American interests within their jurisdiction in a manner injurious and inequitable.

The policy of broader and closer trade relations with the dominion of Canada, which was initiated in the adjustment of the maximum and minimum provisions of the tariff act of August, 1909, has proved mutually beneficial. It justifies further efforts for the readjustment of the commercial relations of the two countries so that their commerce may follow the channels natural to contiguous countries and be commensurate with the steady expansion of trade and industry on both sides of the boundary line. The reciprocation on the part of the dominion government of the sentiment which was expressed by this government was followed in October by the suggestion that it would be glad to have the negotiations, which had been temporarily suspended during the summer, resumed. In accordance with this suggestion the secretary of state, by my direction, dispatched two representatives of the department of state as special commissioners to Ottawa to confer with representatives of the dominion government. They were authorized to take such steps for formulating a reciprocal trade agreement as might be necessary and to receive and consider any proposition which the dominion government might care to submit.

Pursuant to the instructions issued conferences were held by these commissioners with officials of the dominion government at Ottawa in the early part of November. The negotiations were conducted on both sides in a spirit of mutual accommodation. The discussion of the common commercial interests of the two countries had for its object a satisfactory basis for a trade arrangement which offers the prospect of a freer interchange for the products of the United States and of Canada. The conferences were adjourned to be resumed in Washington in January, when it is hoped that the aspiration of both governments for a mutually advantageous measure of reciprocity will be realized.

All these tariff negotiations so vital to our commerce and industry and the duty of jealously guarding the equitable and just treatment of our products, capital and industry abroad, devolve upon the department of state.

The Argentine battleship contracts, like the subsequent important one for Argentine railway equipment, and those for Cuban government vessels, were secured for our manufacturers largely through the good offices of the department of state.

The efforts of that department to secure for citizens of the United States equal opportunities in the markets of the world and to expand American commerce have been most successful. The volume of business obtained in new fields of competition and upon new lines is already very great and congress is urged to continue to support the department of state in its endeavors for further trade expansion.

Our foreign trade merits the best support of the government and the most earnest endeavor of our manufacturers and merchants, who, if they do not already in all cases need a foreign market, are certain soon to become dependent on it. Therefore, now is the time to secure a strong position in this field.

I cannot leave this subject without emphasizing the necessity of such legislation as will make possible and convenient the establishment of American banks and branches of American banks in foreign countries. Only by such means can our foreign trade be favorably financed, necessary credits be arranged and proper avail be made of commercial opportunities in foreign countries, and most especially in Latin America.

DEMANDS MERCHANT MARINE.

Another instrumentality indispensable to the unhampered and natural development of American commerce is merchant marine. All maritime and commercial nations recognize the importance of this factor. The greatest commercial nations, our competitors, jealously foster their merchant marine. Perhaps nowhere is the need for rapid and direct mail, passenger and freight communication quite so urgent as between the United States and Latin America. We can secure in no other quarter of the world such immediate benefits in friendship and commerce as would flow from the establishment of direct lines of communications with the countries of Latin America adequate to meet the requirements of a rapidly increasing appreciation of the reciprocal dependence of the countries of the western hemisphere upon each other's products, sympathies and assistance.

I alluded to this most important subject in my last annual message; it has often been before you and I need not recapitulate the reasons for its recommendation. Unless prompt action be taken the completion of the Panama canal will find this the only great commercial nation unable to avail in international maritime business of this great contribution to the means of the world's commercial intercourse.

Quite aside from the commercial aspect, unless we create a merchant marine, where can we find the seafaring population necessary as a natural naval reserve and where could we find, in case of war, the transports and subsidiary vessels without which a naval fleet is arms without a body? For many reasons I cannot too strongly urge upon the congress the passage of a measure, by mail subsidy or other subvention, adequate to guarantee the establishment and rapid development of an American merchant marine, the restoration of the American flag to its ancient place upon the seas.

Of course such aid ought only to be given under condition of publicity of each beneficiary's business and accounts which would show that the aid received was needed to maintain the trade and was properly used for that purpose.

With our increasing international intercourse it becomes incumbent upon me to repeat more emphatically than ever the recommendation which I made in my inaugural address, that congress shall at once give to the courts of the United States jurisdiction to punish as a crime the violation of the rights of aliens secured by treaty with the United States, in order that the general government of the United States shall be able, when called up by a friendly nation, to redeem its solemn promise by treaty to secure to the citizens or subjects of that nation resident in the United States freedom from violence and due process of law in respect to their life, liberty and property.

DIPLOMATIC MERIT PLAN.

I also, and for the same general reasons, strongly commend to the favorable action of the congress the enactment of a law applying to the diplomatic and consular service the principles embodied in section 1753 of the revised statutes of the United States, in the civil-service act of Jan. 16, 1883, and the executive orders of June 27, 1906, and of Nov. 26, 1909.

The excellent results which have attended the partial application of civil-service principles to the diplomatic and consular services are an earnest of the benefit to be wrought by a wider and more permanent extension of those principles to both branches of the foreign service. The marked improvement in the consular service during the four years since the principles of the civil-service act were applied to that service in a limited way, and the good results already noticeable from a similar application of civil-service principles to the diplomatic service a year ago, convince me that the enactment into law of the general principles of the existing executive regulations could not fail to effect further improvement of both branches of the foreign service, offering as it would by its assurance of permanency of tenure and promotion on merit an inducement for the entry of capable young men into the service and an incentive to those already in to put forth their best efforts to attain and maintain that degree of efficiency which the interests of our international relations and commerce demand.

During many years past appeals have been made from time to time to congress in favor of government ownership of embassy and legation premises abroad. The arguments in favor of such ownership have been many and oft repeated and are well known to the congress. The acquisition by the government of suitable residences and offices for its diplomatic officers, especially in the capitals of the Latin-American states and of Europe, is so

important and necessary to an improved diplomatic service that I have no hesitation in urging upon the congress the passage of some measure similar to that favorably reported by the house committee on foreign affairs on Feb. 14, 1910 (report No. 438), that would authorize the gradual and annual acquisition of premises for diplomatic use.

The work of the diplomatic service is devoid of partisanship; its importance should appeal to every American citizen and should receive the generous consideration of the congress.

ECONOMY THE WATCHWORD.

Every effort has been made by each department chief to reduce the estimated cost of his department for the ensuing fiscal year ending June 30, 1912. I say this in order that congress may understand that these estimates thus made present the smallest sum which will maintain the departments, bureaus and offices of the government and meet its other obligations under existing law, and that a cut of these estimates would result in embarrassing the executive branch of the government in the performance of its duties. This remark does not apply to the river and harbor estimates, except to those for expenses of maintenance and the meeting of obligations under authorized contracts, nor does it apply to the public building bill nor to the navy building programme. Of course, as to these congress could withhold any part or all of the estimates for them without interfering with the discharge of the ordinary obligations of the government or the performance of the functions of its departments, bureaus and offices.

The final estimates for the year ending June 30, 1912, as they have been sent to the treasury on Nov. 29 of this year, for the ordinary expenses of the government, including those for public buildings, rivers and harbors, and the navy building programme, amount to $630,494,013.12. This is $52,964,887.36 less than the appropriations for the fiscal year ending June 30, 1911. It is $16,883,153.44 less than the total estimates, including supplemental estimates, submitted to congress by the treasury for the year 1911, and is $5,574,659.39 less than the original estimates submitted by the treasury for 1911.

These figures do not include the appropriations for the Panama canal, the policy in respect to which ought to be, and is, to spend as much each year as can be economically and effectively expended in order to complete the canal as promptly as possible, and, therefore, the ordinary motive for cutting down the expenses of the government does not apply to appropriations for this purpose. It will be noted that the estimates for the Panama canal for the ensuing year are more than $56,000,000, an increase of $20,000,000 over the amount appropriated for this year—a difference due to the fact that the estimates for 1912 include something over $19,000,000 for the fortification of the canal.

Against the estimated expenditures of $630,494,013.12, the treasury has estimated receipts for next year at $680,000,000, making a probable surplus of ordinary receipts over ordinary expenditures of about $50,000,000, or, taking into account the estimates for the Panama canal, which are $56,920,847.69, and which will ultimately be paid in bonds, it will leave a deficit for the next year of about $7,600,000, if congress shall conclude to fortify the canal. The cost of the fortifications is about $19,000,000. Should there be no appropriations this year for fortifications, then there would be, even including the Panama canal appropriations, a surplus of about $12,000,000, according to the treasury estimates.

A table showing in detail the estimates and the comparisons referred to follows: [See page 414.]

TREASURY REFORMS.

The treasury department is one of the original departments of the government. With the changes in the monetary system made from time to time and with the creation of national banks, it was thought necessary to organize new bureaus and divisions, which were added in a somewhat haphazard way and resulted in a duplication of duties which might well now be ended.

This lack of system and economic co-ordination has attracted the attention of the head of that department, who has been giving his time for the last two years, with the aid of experts and by consulting his bureau chiefs, to its reformation; he has abolished 400 places in the civil service without at all injuring its efficiency, and at the risk of being tedious, but merely to illustrate the character of the reforms that are possible, I shall comment on a number of changes that are being made or ought to be made by legislative aid.

The auditing system in vogue is as old as the government and the methods used are antiquated. There are six auditors and seven assistant auditors for the nine departments, and under the present system the only function which the auditor of a department exercises is to determine, on accounts presented by disbursing officers, that the object of the expenditure was within the law and the appropriation made by congress for the purpose on its face, and that the calculations in the accounts are correct. He does not examine the merits of the transaction or determine the reasonableness of the price paid for the articles purchased, nor does he furnish any substantial check upon disbursing officers and the heads of departments or bureaus with sufficient promptness to enable the government to recoup itself in full measure for unlawful expenditure.

A careful plan is being devised and will be presented to congress with the recommendation that the force of auditors and employes under them be greatly reduced, thereby effecting substantial economy. But this economy will be small compared with the larger economy that can be effected by consolidation and change of methods. The possibilities in this regard have been shown in the reduction of expenses and the importance of methods and efficiency in the office of auditor for the post-office department, who, without in the slightest degree impairing the comprehensiveness and efficiency of his work, has cut down the expenses of his office $120,000 a year.

Again, in the collection of the revenues, especially the customs revenues, a very great improvement has been effected, and further improvements are contemplated. By the detection of frauds in weighing sugar upward of $3,400,000 has been recovered from the beneficiaries of the fraud, and an entirely new system free from the possibilities of such abuse has been devised. The department has perfected the method of collecting duties at the port of New York so as to save the government upward of $10,000,000 or $11,000,000, and the same spirit of change and reform has been infused into the other customs offices of the country.

The methods used at many places are archaic. There would seem to be no reason at all why the surveyor of the port, who really acts for the collector, should not be a subordinate of the collector at a less salary and directly under his control, and there is but little reason for the existence of the naval officer, who is a kind of local auditor. His work is mainly an examination of accounts, which is conducted again in Washington and which results in no greater security to the government. The naval officers in the various ports are presidential appointees, many of them drawing good salaries, and those offices should be abolished or with reduced force made part of the central auditing system.

There are entirely too many customs districts and too many customs collectors. These districts should be consolidated and the collectors in charge of them, who draw good salaries, many of them out of proportion to the collections made, should be abolished or treated as mere branch offices, in accordance with the plan of the treasury department, which will be presented for the consideration of congress. As an illustration, the cost of collecting $1 of revenue at typical small ports like the port of York, Me., was $50.04. At the port of Annapolis, Md., it cost $309.41 to collect $1 of revenue; at Natchez, $52.76; at Alexandria, Va., $122.49.

It is not essential to the preventing of smuggling that customs districts should be increased in number. The violation of the customs laws can be quite as easily prevented and much more economically by the revenue-cutter service and by the use of the special agent traveling force of the treasury department. A reorganization of the special customs agents has been perfected with a view to retaining only those who have special knowledge of the customs laws, regulations and usual

STATEMENT OF ESTIMATES OF APPROPRIATIONS FOR THE FISCAL YEARS 1912 AND 1911 AND OF APPROPRIATIONS FOR 1911, SHOWING INCREASES AND DECREASES.

	Final estimates for 1912 as of Nov. 29.	Original estimates submitted by the treasury for 1911.	Total estimates for 1911, including supplementals.	Appropriations for 1911.
Legislative	$13,426,805.73	$13,169,679.70	$13,169,679.70	$12,938,048.00
Executive	998,170.00	472,270.00	722,270.00	870,750.00
State department	4,875,576.41	4,576,301.41	4,749,801.41	5,046,701.41
Treasury department—				
Treasury department proper	68,735,451.00	9,865,240.00	70,393,543.75	69,973,434.61
Public buildings and works	11,864,545.60	6,198,365.60	7,101,465.60	5,565,164.00
Territorial governments	202,150.00	287,350.00	292,350.00	282,600.00
Independent offices	2,638,695.12	2,400,695.12	2,492,695.12	2,128,695.12
District of Columbia	13,602,785.90	11,834,928.49	12,108,878.49	11,440,345.99
War department—				
War department proper	120,104,260.12	124,165,656.28	125,717,204.77	122,322,178.12
Rivers and harbors	28,232,438.00	28,232,465.00	28,232,465.00	49,390,541.50
Navy department—				
Navy department proper	116,101,730.24	117,029,914.38	119,768,860.83	119,596,870.46
New navy building programme	12,840,428.00	12,844,122.00	12,844,122.00	14,790,122.00
Interior department	189,151,875.00	191,224,182.90	193,948,582.02	214,754,278.00
Postoffice department proper	1,697,490.00	1,695,690.00	1,695,690.00	2,085,005.33
Deficiency in postal revenues	.....	10,634,122.63	10,634,122.63	10,634,122.63
Department of agriculture	19,681,066.00	17,681,136.00	17,753,931.24	17,821,836.00
Department of commerce and labor	16,276,970.00	14,187,913.00	15,789,271.00	14,169,969.32
Department of justice	10,063,576.00	9,513,640.00	9,962,233.00	9,648,237.99
Total ordinary	630,494,013.12	636,063,672.51	647,377,166.56	683,458,900.48
Panama canal	56,920,847.69	48,063,524.70	52,063,524.70	37,855,000.00
Totals	687,414,860.81	684,132,197.21	699,440,691.26	721,313,900.48

	Increase (*) and decrease (†), 1912 estimates against 1911 total estimates.	Increase (*) and decrease (†), 1912 estimates against 1911 appropriations.	Increase (*) and decrease (†), 1911 estimates against 1911 appropriations.
Legislative	*$257,126.03	*$488,757.73	*$231,631.70
Executive	*275,900.00	*127,420.00	†148,480.00
State department	*125,775.00	†171,125.00	†296,900.00
Treasury department—Treasury department proper	†1,658 092.75	†1,237,983.61	*420,109.14
Public buildings and works	*4,763,080.00	*6,299,381.60	*1,536,301.60
Territorial governments	†90,200.00	†80,450.00	*9,750.00
Independent offices	*146,000.00	*510,000.00	*364,000.00
District of Columbia	*1,493,907.41	*2,162,439.91	*668,532.50
War department—War department proper	†5,312,944.65	†2,217,918.00	*3,395,026.65
Rivers and harbors	†27.00	†21,158,103.50	†21,158,076.50
Navy department—Navy department proper	†3,667,130.59	†3,495,140.22	*171,990.37
New navy building programme	†3,694.00	†1,949,694.00	†1,946,000.00
Interior department	†4,796,707.02	*25,602,403.00	†20,805,695.98
Postoffice department proper	*1,800.00	†387,515.33	†389,315.33
Deficiency in postal revenues	†10,634,122.65	†10,634,122.63	.....
Department of agriculture	*1,927,134.76	*1,859,230.00	†67,904.76
Department of commerce and labor	*487,699.00	*2,107,000.68	*1,619,301.68
Department of justice	*101,343.00	*415,338.01	*313,995.01
Total ordinary	†16,883,153.44	†52,964,887.36	†36,081,733.92
Panama canal	*4,857,322.99	*19,065,847.69	*14,208,524.70
Totals	†12,025,830.45	*33,899,039.67	†21,873,209.22

methods of evasion, and with this improvement there will be no danger to the government from the recommended consolidation and abolition of customs districts.

An investigation of the appraising system now in vogue in New York city has shown underappraisement and a sacrifice of the interests of the government, which is in the course of being remedied by reorganization and the employment of competent experts. Prosecutions have been instituted growing out of the frauds there discovered and are now awaiting hearing in the federal courts.

Very great improvements have been made in respect to the mints and assay offices. Diminished appropriations have been asked for those whose continuance is unnecessary, and this year's estimate of expenses is $326,000 less than two years ago. There is an opportunity for further saving in the abolition of several mints and assay offices that have now become unnecessary. During the last year 100 unnecessary employes have been dropped from the Philadelphia mint. Modern machinery has been installed there, more and better work has been done and the appropriations have been consequently diminished.

In the bureau of engraving and printing great economies have been effected. Useless divisions have been abolished with the result of saving $440,000 this year in the total expenses of the bureau, despite increased business.

The treasurer's office and that of the division of public moneys in part cover the same functions, and this is also true of the office of the register and the division of loans and currency. Plans for the elimination of the duplication in these offices will be presented to congress.

The office of the comptroller of the currency is one most important in the preservation of proper banking methods in the national banking system of the United States, and the present comptroller has impressed his subordinates with the necessity of so conducting their investigations as to establish the principle that every bank failure is unnecessary because proper inspection and notice of threatening conditions to the responsible directors and officers can prevent it.

In our public buildings we still suffer from the method of appropriation, which has been so much criticised in connection with our rivers and harbors. Some method should be devised for control-

ling the supply of public buildings, so that they will harmonize with the actual needs of the government. Not only are buildings appropriated for by congress which are not needed and buildings left unappropriated for by congress which are needed, but when it comes to the actual construction there has been in the past too little study of the building plans and sites with a view to the actual needs of the government. Postoffice buildings which are in effect warehouses for the economical handling of transportation of thousands of tons of mail have been made monumental structures, and often located far from the convenient and economical spot. In the actual construction of the buildings a closer scrutiny of the methods employed by the government architects or by architects employed by the government have resulted in decided economies. It is hoped that more time will give opportunity for a more thorough reorganization.

The last public building bill carried authorization for the ultimate expenditure of $33,011,500, and I approved it because of the many good features it contained, just as I approved the river and harbor bill, but it was drawn upon a principle that ought to be abandoned. It seems to me that the wiser method of preparing a public building bill would be the preparation of a report by the commission of government experts, whose duty it should be to report to congress the government's needs in the way of the construction of public buildings in every part of the country, just as the army engineers make report with reference to the utility of proposed improvements in rivers and harbors, with the added function which I have recommended for the army engineers of including in their recommendation the relative importance of the various projects found to be worthy of approval and execution.

PRAISES THE TARIFF BILL.

As the treasury department is the one through which the income of the government is collected and its expenditures are disbursed, this seems a proper place to consider the operation of the existing tariff bill, which became a law Aug. 6, 1909. As an income-producing measure, the existing tariff bill has never been exceeded by any customs bill in the history of the country.

The corporation excise tax, proportioned to the net income of every business corporation in the country, has worked well. The tax has been easily collected. Its prompt payment indicates that the incidence of the tax has not been heavy. It offers, moreover, an opportunity for knowledge by the government of the general condition and business of all corporations, and that means by far the most important part of the business of the country. In the original act provision was made for the publication of the returns. This provision was subsequently amended by congress and the matter left to the regulation of the president. I have directed the issue of the needed regulations and have made it possible for the public generally to know from an examination of the record the returns of all corporations the stock of which is listed on any public stock exchange or is offered for sale to the general public by advertisement or otherwise. The returns of those corporations whose stock is not so listed or offered for sale are directed to be open to the inspection and examination of creditors and stockholders of the corporation whose record is sought. The returns of all corporations are subject to the inspection of any government officer or to the examination of any court in which the return made by the corporation is relevant and competent evidence.

The schedules of the rates of duty in the Payne tariff act have been subjected to a great deal of criticism, some of it just, more of it unfounded, and to much misrepresentation. The act was adopted in pursuance of a declaration by the party which is responsible for it that a customs bill should be a tariff for the protection of home industries, the measure of the protection to be the difference between the cost of producing the imported article abroad and the cost of producing it at home, together with such addition to that difference as might give a reasonable profit to the home producer. The basis for the criticism of this tariff is that in respect to a number of the schedules the declared measure was not followed, but a higher difference retained or inserted by way of undue discrimination in favor of certain industries and manufactures. Little, if any, of the criticism of the tariff has been directed against the protective principle above stated, but the main body of the criticism has been based on the charge that the attempt to conform to the measure of protection was not honestly and sincerely adhered to.

The time in which the tariff was prepared undoubtedly was so short as to make it impossible for the congress and its experts to acquire the information necessary strictly to conform to the declared measure. In order to avoid criticism of this kind in the future and for the purpose of more nearly conforming to the party promise, congress at its last session made provision, at my request, for the continuance of a board created under the authority of the maximum and minimum clause of the tariff bill and authorized this board to expend the money appropriated under my direction for the ascertainment of the cost of production at home and abroad of the various articles included in the schedules of the tariff. The tariff board thus appointed and authorized has been diligent in preparing itself for the necessary investigations.

The hope of those who have advocated the use of this board for tariff purposes is that the question of the rate of a duty imposed shall become more of a business question and less of a political question, to be ascertained by experts of long training and accurate knowledge. The halt in business and the shock to business, due to the announcement that a new tariff bill is to be prepared and put in operation, will be avoided by treating the schedules one by one as occasion shall arise for a change in the rates of each, and only after a report upon the schedule by the tariff board competent to make such report. It is not likely that the board will be able to make a report during the present session of congress on any of the schedules, because a proper examination involves an enormous amount of detail and a great deal of care, but I hope to be able at the opening of the new congress, or at least during the session of that congress, to bring to its attention the facts in regard to those schedules in the present tariff that may prove to need amendment.

The carrying out of this plan, of course, involves the full co-operation of congress in limiting the consideration in tariff matters to one schedule at a time, because if a proposed amendment to a tariff bill is to involve a complete consideration of all the schedules and another revision, then we shall only repeat the evil from which the business of this country has in times past suffered most grievously by stagnation and uncertainty, pending a resettlement of a law affecting all business directly or indirectly, and the effect of which no wise business man would ignore in new projects and new investments. I cannot too much emphasize the importance and benefit of the plan above proposed for the treatment of the tariff. It facilitates the removal of noteworthy defects in an important law without a disturbance of business prosperity, which is even more important to the happiness and the comfort of the people than the elimination of instances of injustice in the tariff.

The inquiries which the members of the tariff board made during the last summer into the methods pursued by other governments with reference to the fixing of tariffs and the determination of their effect upon trade show that each government maintains an office or bureau, the officers and employes of which have made their life work the study of tariff matters, of foreign and home prices and cost of articles imported and the effect of the tariff upon trade, so that whenever a change is thought to be necessary in the tariff law this office is the source of the most reliable information as to the propriety of the change and its effect. I am strongly convinced that we need in this government just such an office and that it can be secured by making the tariff board already appointed a permanent tariff commission, with such duties, powers and emoluments as it may seem wise to congress to give. It has been proposed to enlarge the board from three to five. The present num-

ber is convenient, but I do not know that an increase of two members would be objectionable.

Whether or not the protective policy is to be continued and the degree of protection to be accorded to our home industries are questions which the people must decide through their chosen representatives, but whatever policy is adopted it is clear that the necessary legislation should be based on an impartial, thorough and continuous study of the facts.

FAVORS CURRENCY STUDY.

The method of impartial scientific study by experts as a preliminary to legislation, which I hope to see ultimately adopted as our fixed national policy with respect to the tariff, rivers and harbors, waterways and public buildings, is also being pursued by the nonpartisan monetary commission of congress. An exhaustive and most valuable study of the banking and currency systems of foreign countries has been completed.

A comparison of the business methods and institutions of our powerful and successful commercial rivals with our own is sure to be of immense value. I urge upon congress the importance of a nonpartisan and disinterested study and consideration of our banking and currency system. It is idle to dream of commercial expansion and of the development of our national trade on a scale that measures up to our matchless opportunities unless we can lay a solid foundation in a sound and enduring banking and currency system. The problem is not partisan, is not sectional—it is national.

ARMY SMALL FOR NATION.

The war department has within its jurisdiction the management of the army, and, in connection therewith, the coast defenses; the government of the dependencies of the Philippines and of Porto Rico; the recommendation of plans for the improvement of harbors and waterways and their execution when adopted; and, by virtue of an executive order, the supervision of the construction of the Panama canal.

The army of the United States is a small body compared with the total number of people for the preservation of whose peace and good order it is a last recourse. The army now numbers about 80,000 men, of whom about 18,000 are engaged in the coast artillery and detailed to the management and use of the guns in the forts and batteries that protect our coasts. The rest of the army, or about 60,000, is the mobile part of our national forces and is divided into thirty-one regiments of infantry, including the Porto Rican regiment, fifteen regiments of cavalry, six regiments of field artillery, a corps of ordnance, of engineers and of signal, a quartermaster's department, a commissary department and a medical corps.

The general plan for an army of the United States at peace should be that of a skeleton organization, with an excess of trained officers and thus capable of rapid enlargement by enlistments, to be supplemented in emergency by the national militia and a volunteer force. In some measure this plan has been adopted in the very large proportion of cavalry and field artillery as compared with infantry in the present army and on a peace basis. An infantry force can be trained in six months; a cavalry or a light artillery force not under one and one-half or two years; hence the importance of having ready a larger number of the more skilled soldiers.

The militia system, for which congress by the constitution is authorized to provide, was developed by the so-called Dick law, under which the discipline, the tactics, the drill, the rank, the uniform and the various branches of the militia are assimilated as far as possible to those of the regular army. Under the militia law, as the constitution provides, the governors of the states appoint the militia officers, but, by appropriations from congress, states have been induced to comply with the rules of assimilation between the regular army and the militia, so that now there is a force, the efficiency of which differs in different states, which could be incorporated under a single command with the regular army, and which for some time each year receives the benefit of drill and maneuvers under conditions approximating actual military service, under the supervision of regular army officers.

In the army of the United States, in addition to the regular forces and the militia forces which may be summoned to defense of the nation by the president, there is also the volunteer force, which made up a very large part of the army in the civil war, and which in any war of long continuance would become its most important constituent. There is an act which dates from the civil war, known as the volunteer act, which makes provision for the enlistment of volunteers in the army of the United States in time of war. This was found to be so defective in the Philippine war that a special act for the organization of volunteer regiments to take part in that war was adopted, and it was much better adapted to the necessities of the case.

There is now pending in congress a bill repealing the present volunteer act and making provision for the organization of volunteer forces in time of war which is admirably adapted to meet the exigencies which would be then presented. The passage of the bill would not entail a dollar's expense upon the government at this time or in the future, until war comes, but when war does come the methods therein directed are in accordance with the best military judgment as to what they ought to be, and the act would prevent the necessity for the discussion of new legislation and the delays incident to its consideration and adoption. I earnestly urge the passage of this volunteer bill.

I further recommend that congress establish a commission to determine as early as practicable a comprehensive policy for the organization, mobilization and administration of the regular army, the organized militia and the volunteer forces in the event of war.

One of the great difficulties in the prompt organization and mobilization of militia and volunteer forces is the absence of competent officers of the rank of captain to teach the new army, by the unit of the company, the business of being soldiers and of taking care of themselves so as to render effective service. This need of army officers can only be supplied by provisions of law authorizing the appointment of a greater number of army officers than are needed to supply the commands of regular army troops now enlisted in the service. There are enough regular army officers to command the troops now enlisted, but congress has authorized and the department has followed the example of congress and exercised the authority conferred by detailing these army officers to duty other than that of the command of troops. For instance, there are a large number of army officers assigned to duty with military colleges or in colleges in which military training is given. Then a large number of officers are assigned to general staff duty, and there are various other places to which army officers can be and are legally assigned which take them away from their regiments and companies.

In order that the militia of each state should be properly drilled and made more like the regular army, regular army officers should be detailed to assist the adjutant-general of each state in the supervision of the state militia, but this is impossible unless provision is made by congress for a very considerable increase in the number of company and field officers of the army. A bill was pending in the last session of congress for this purpose, and I earnestly hope that, in the interest of the proper development of a republican army, an army small in the time of peace, but possible of prompt and adequate enlargement in time of war, shall become possible under the laws of the United States

A bill, the strong argument for which can be based on the ground quite similar to that of the increased-officers bill, is the bill for the increase of sixty in the army engineers. The army engineers are largely employed in the expenditure of the moneys appropriated for the improvement of rivers and harbors. This, in addition to their military duties, which include the construction of fortifications both of our coasts and in our dependencies, together with the number used in the Panama canal work, requires many more engineers than the army has, and this shortness of supply in such officers delays important river and harbor

work and important fortification work. I earnestly recommend the passage of this bill, which passed the house at the last session and is now pending in the senate.

TO STRENGTHEN PHILIPPINES.

I have directed that the estimates for appropriation for the improvement of coast defenses in the United States should be reduced to a minimum, while those for the completion of the needed fortifications at Corregidor in the Philippine islands and at Pearl Harbor in the Hawaiian islands should be expedited as much as possible. The proposition to make Olongapo and Subig bay the naval base for the Pacific was given up, and it is to be treated merely as a supply station, while the fortifications in the Philippines are to be largely confined to Corregidor island and the adjacent islands which command the entrance to Manila bay and which are being rendered impregnable from land and sea attack. The Pacific naval base has been transferred to Pearl Harbor in the Hawaiian islands. This necessitates the heavy fortification of the harbor and the establishment of an important military station near Honolulu. I urge that all the estimates made by the war department for these purposes be approved by congressional appropriation.

During the last summer, at my request, the secretary of war visited the Philippine islands and has described his trip in his report. He found the islands in a state of tranquillity and growing prosperity, due largely to the change in the tariff laws, which has opened the markets of America to the products of the Philippines and has opened the Philippine markets to American manufactures. The rapid increase in the trade between the two countries is shown in the following table:

PHILIPPINE EXPORTS, FISCAL YEARS 1908-1910.
(Exclusive of gold and silver.)

Fiscal year—	To U. S.	To other countries.	Total.
1908	$10,323,233	$22,493,334	$32,816,567
1909	10,215,331	20,778,232	30,993,563
1910	18,741,771	21,122,398	39,864,169

Note—Latest monthly returns show exports for the year ending August, 1910, to the United States $20,035,902, or 49 per cent of the $41,075,738 total, against $11,031,275 to the United States, or 34 per cent of the $32,183,871 total for the year ending August, 1909.

PHILIPPINE IMPORTS, FISCAL YEARS 1908-1910.
(Exclusive of gold and silver and government supplies.)

Fiscal year—	From U. S.	From other countries.	Total.
1908	$5,079,487	$25,838,870	$30,918,357
1909	4,691,770	23,100,627	27,792,397
1910	10,775,301	26,292,329	37,067,630

Note—Latest monthly returns show imports for the year ending August, 1910, from the United States $11,615,982, or 30 per cent of the $39,025,667 total, against $5,193,419 from the United States, or 18 per cent of the $28,948,011 total for the year ending August, 1909.

PROSPERITY IN PORTO RICO.

The year has been one of prosperity and progress in Porto Rico. Certain political changes are embodied in the bill "To provide a civil government for Porto Rico and for other purposes," which passed the house of representatives on June 15, 1910, at the last session of congress, and is now awaiting the action of the senate.

The importance of those features of this bill relating to public health and sanitation cannot be overestimated. The removal from politics of the judiciary by providing for the appointment of the municipal judges is excellent, and I recommend that a step further be taken by providing therein for the appointment of secretaries and marshals of these courts.

I believe that the provision in the bill for a partially elective senate, the number of elective members being progressively increased, is unwise, and that the composition of the senate as provided in the bill as introduced in the house far better meets conditions existing in Porto Rico. This is an important measure, and I recommend its early consideration and passage.

I have already expressed my opinion to congress in respect to the character of the river and harbor bills which should be enacted into law, and I have exercised as much power as I have under the law in directing the chief of engineers to make his reports to congress conform to the needs of the committee framing such a bill in determining which of the proposed improvements is the more important and ought to be completed first, and promptly.

THE PANAMA CANAL.

At the instance of Col. Goethals, the army engineer officer in charge of the work on the Panama canal, I have just made a visit to the isthmus to inspect the work done and to consult with him on the ground as to certain problems which are likely to arise in the near future. The progress of the work is most satisfactory. If no unexpected obstacle presents itself the canal will be completed well within the time fixed by Col. Goethals, to wit, Jan. 1, 1915, and within the estimate of cost, $375,000,000.

Press reports have reached the United States from time to time giving accounts of slides of earth of very large yardage in the Culebra cut and elsewhere along the line, from which it might be inferred that the work has been much retarded and that the time for completion has been necessarily postponed.

The report of Dr. Hayes of the geological survey, whom I sent within the last month to the isthmus to make an investigation, shows that this section of the canal zone is composed of sedimentary rocks of rather weak structure and subject to almost immediate disintegration when exposed to the air. Subsequent to the deposition of these sediments, igneous rocks, harder and more durable, have been thrust into them, and being cold at the time of their intrusion united but indifferently with the sedimentary rock at the contacts. The result of these conditions is that as the cut is deepened, causing unbalanced pressures, slides from the sides of the cut have occurred. These are in part due to the flowing of surface soil and decomposed sedimentary rocks upon inclined surfaces of the underlying undecomposed rock and in part to the crushing of structurally weak beds under excessive pressure.

These slides occur on one side or the other of the cut through a distance of four or five miles, and now that their character is understood allowance has been made in the calculations of yardage for the amount of slides which will have to be removed and the greater slope that will have to be given to the bank in many places in order to prevent their recurrence. Such allowance does not exceed 10,000,000 yards. Considering that the number of yards removed from this cut on an average of each month through the year is 1,300,000 and that the total remaining to be excavated, including slides, is about 30,000,000 yards, it is seen that this addition to the excavation does not offer any great reason for delay.

While this feature of the material to be excavated in the cut will not seriously delay or obstruct the construction of a canal of the lock type, the increase of excavation due to such slides in the cut made eighty-five feet deeper for a sea-level canal would certainly have been so great as to delay its completion to a time beyond the patience of the American people.

Among questions arising for present solution is the decision whether the canal shall be fortified. I have already stated to the congress that I strongly favor fortification and I now reiterate this opinion and ask your consideration of the subject in the light of the report already before you made by a competent board.

If, in our discretion, we believe modern fortifications to be necessary to the adequate protection and policing of the canal, then it is our duty to construct them. We have built the canal. It is our property. By convention we have indicated our desire for, and, indeed, undertaken its universal and equal use. It is also well known that one of the chief objects in the construction of the canal has been to increase the military effectiveness of our navy.

Failure to fortify the canal would leave the at-

tainment of both these aims in the position of rights and obligations which we should be powerless to enforce and which could never in any other way be absolutely safeguarded against a desperate and irresponsible enemy.

Another question which arises for consideration and possible legislation is the question of tolls in the canal. This question is necessarily affected by the probable tonnage which will go through the canal. It is all a matter of estimate, but one of the government commission in 1900 investigated the question and made a report. He concluded that the total tonnage of the vessels employed in commerce that could use the isthmian canal in 1914 would amount to 6,843,805 tons net register, and that this traffic would increase 25.1 per cent per decade; that it was not probable that all the commerce included in the totals would at once abandon the routes at present followed and make use of the new canal, and that it might take some time, perhaps two years, to readjust trade with reference to the new conditions which the canal would establish. He did not include, moreover, the tonnage of war vessels, although it is to be inferred that such vessels would make considerable use of the canal. In the matter of tolls he reached the conclusion that a dollar a net ton would not drive business away from the canal, but that a higher rate would do so.

In determining what the tolls should be we certainly ought not to insist that for a good many years to come they should amount to enough to pay the interest on the investment of $400,000,000 which the United States has made in the construction of the canal. We ought not to do this, first, because the benefits to be derived by the United States from this expenditure are not to be measured solely by a return upon the investment. If it were, then the construction might well have been left to private enterprise. It was because an adequate return upon the money invested could not be expected immediately, or in the near future, and because there were peculiar political advantages to be derived from the construction of the canal, that it necessarily fell to the government to advance the money and perform the work.

In addition to the benefit to our naval strength the canal trade greatly increases the trade facilities of the United States. It will undoubtedly cheapen the rates of transportation of all freight between the eastern and western seaboard and it will greatly increase that trade by reason of the reduction in its cost. Then, if we are to have a world canal and if we are anxious that the routes of the world's trade shall be through the Panama canal, we must recognize that we have an active competitor in the Suez canal. Then, too, there are other means of crossing the isthmus —by the Tehuantepec railroad and by other railroads and freight routes in Central America to the Atlantic side.

In all these cases the question whether the Panama canal is to be used and its tonnage increased will be determined mainly by the charge for its use. My own impression is that the tolls ought not to exceed $1 per net ton. On Jan. 1, 1911, the tolls in the Suez canal are to be 7 francs and 25 centimes for one net ton by Suez canal measurement, which is a modification of Danube measurement. A dollar a ton will secure under the figures above a gross income from the Panama canal of nearly $7,000,000. The cost of maintenance and operation is estimated to exceed $3,000,000. Ultimately, of course, with the normal increase in trade, the income will approximate the interest charge upon the investment.

On the whole I should recommend that within certain limits the president be authorized to fix the tolls of the canal and adjust them to what seems to be commercial necessity.

The inquiries already made of the chief engineer of the canal show that the present consideration of this question is necessary in order that the commerce of the world may have time to adjust itself to the new conditions resulting from the opening of this new highway.

The next question that arises is as to the maintenance, management and general control of the canal after its completion. It should not be premised that it is an essential part of our naval establishment to have the coal, oil and other ship supplies, a dry dock and repair shop, conveniently located with reference to naval vessels passing through the canal. Now, if the government for naval purposes is to undertake to furnish these conveniences to the navy—and they are conveniences equally required by commercial vessels—here would seem to be strong reasons why the government should take over and include in its management the furnishing, not only to the navy but to the public, dry-dock and repair-shop facilities and the sale of coal, oil and other ship supplies.

The maintenance of a lock canal of this enormous size in a sparsely populated country and in the tropics, where the danger from disease is always present, requires a large and complete and well-trained organization with full police powers, exercising the utmost care. The visitor to the canal who is impressed with the wonderful freedom from tropical diseases on the isthmus must not be misled as to the constant vigilance that is needed to preserve this condition. The vast machinery of the locks, the necessary amount of dredging, the preservation of the banks of the canal from slides, the operation and the maintenance of the equipment of the railway will all require a force, not, of course, to be likened in any way to the present organization for construction, but a skilled body of men who can keep in a state of usefulness this great instrument of commerce. Such an organization makes it easy to include within its functions the furnishing of dry docks, fuel, repairs and supply facilities to the trade of the world. These will be more essential at the Isthmus of Panama than they are at Port Said or Suez, because there are no depots for coal, supplies and other commercial necessities within thousands of miles of the isthmus.

Another important reason why these ancillary duties may well be undertaken by the government is the opportunity for discrimination between patrons of the canal that is offered where private concessions are granted for the furnishing of these facilities. Nothing would create greater prejudice against the canal than the suspicion that certain lines of traffic were favored in the furnishing of supplies or that the supplies were controlled by any large interest that might have a motive for increasing the cost of the use of the canal. It may be added that the termini are not ample enough to permit the fullest competition in respect to the furnishing of these facilities and necessities to the world's trade, even if it were wise to invite such competition, and the granting of the concession would necessarily, under these circumstances, take on the appearance of privilege or monopoly.

I cannot close this reference to the canal without suggesting as a wise amendment to the interstate-commerce law a provision prohibiting interstate-commerce railroads from owning or controlling ships engaged in the trade through the Panama canal. I believe such a provision may be needed to save to the people of the United States the benefits of the competition in trade between the eastern and western seaboards which this canal was constructed to secure.

DEPARTMENT OF JUSTICE.

The duties of the department of justice have been greatly increased by legislation of congress enacted in the interest of the general welfare of the people and extending its activities into avenues plainly within its constitutional jurisdiction, but which it has not been thought wise or necessary for the general government heretofore to occupy.

I am glad to say that under the appropriations made for the department the attorney-general has so improved its organization that a vast amount of litigation of a civil and criminal character has been disposed of during the current year. This will explain the necessity for slightly increasing the estimates for the expenses of the department. His report shows the recoveries made on behalf of the government, of duties fraudulently withheld, public lands improperly patented, fines and penalties for trespassing, prosecutions and convictions under the antitrust law and prosecutions under the interstate-commerce law. I invite especial at-

tention to the prosecutions under the federal law of the so-called "bucket shops" and of those schemes to defraud in which the use of the mail is an essential part of the fraudulent conspiracy, prosecutions which have saved ignorant and weak members of the public and are saving them hundreds of millions of dollars. The violations of the antitrust law present perhaps the most important litigation before the department and the number of cases filed shows the activity of the government in enforcing that statute.

NATIONAL INCORPORATION.

In a special message last year I brought to the attention of congress the propriety and wisdom of enacting a general law providing for the incorporation of industrial and other companies engaged in interstate commerce, and I renew my recommendation in that behalf.

I invite the attention of congress to the great number of claims which, at the instance of congress, have been considered by the Court of Claims and decided to be valid claims against the government. The delay that occurs in the payment of the money due under the claims injures the reputation of the government as an honest debtor, and I earnestly recommend that those claims which come to congress with the judgment and approval of the Court of Claims should be promptly paid.

One great crying need in the United States is cheapening the cost of litigation by simplifying judicial procedure and expediting final judgment. Under present conditions the poor man is at a woeful disadvantage in a legal contest with a corporation or a rich opponent. The necessity for the reform exists both in United States courts and in all state courts. In order to bring it about, however, it naturally falls to the general government by its example to furnish a model to all states. A legislative commission appointed by joint resolution of congress to revise the procedure in the United States courts has as yet made no report.

Under the law the Supreme court of the United States has the power and is given the duty to frame the equity rules of procedure which are to obtain in the federal courts of first instance. In view of the heavy burden of pressing litigation which that court has had to carry, with one or two of its members incapacitated through ill health, it has not been able to take up problems of improving the equity procedure, which has practically remained the same since the organization of the court in 1789. It is reasonable to expect that, with all the vacancies upon the court filled, it will take up the question of cheapening and simplifying the procedure in equity in the courts of the United States. The equity business is much the more important in the federal courts, and I may add much the more expensive. I am strongly convinced that the best method of improving judicial procedure at law is to empower the Supreme court to do it through the medium of the rules of the court, as in equity. This is the way in which it has been done in England, and thoroughly done. The simplicity and expedition of procedure in the English courts to-day make a model for the reform of other systems.

Several of the lord chancellors of England and of the chief justices have left their lasting impress upon the history of their country by their constructive ability in proposing and securing the passage of remedial legislation effecting law reforms. I cannot conceive any higher duty that the Supreme court could perform than in leading the way to a simplification of procedure in the United States courts.

No man ought to have, as a matter of right, a review of his case by the Supreme court. He should be satisfied by one hearing before a court of first instance and one review by a court of appeals. The proper and chief usefulness of the Supreme court, and especially of the Supreme Court of the United States, is, in the cases which come before it, so to expound the law, and especially the fundamental law—the constitution—as to furnish precedents for the inferior courts in future litigation and for the executive officers in the construction of statutes and the performance of their legal duties. Therefore, any provisions for review of cases by the Supreme court that cast upon that court the duty of passing on questions of evidence and the construction of particular forms of instrument, like indictments, or wills, or contracts, decisions not of general application or importance, merely clog and burden the court and render more difficult its higher function, which makes it so important a part of the framework of our government. The Supreme court is now carrying an unnecessary burden of appeals of this kind, and I earnestly urge that it be removed.

The statutes respecting the review by the Supreme Court of the United States of decisions of the Court of Appeals of the District of Columbia ought to be so amended as to place that court in the same position with respect to the review of its decisions as that of the various United States Circuit Courts of Appeals. The act of March 2, 1907, authorizing appeals by the government from certain judgments in criminal cases where the defendant has not been put in jeopardy, within the meaning of the constitution, should be amended so that such appeals should be taken to the Circuit Courts of Appeals instead of to the Supreme court in all cases except those involving the construction of the constitution or the constitutionality of a statute, with the same power in the Supreme court to review on certiorari as is now exercised by that court over determinations of the several Circuit Courts of Appeals.

Appeals in copyright cases should reach final judgment in the Courts of Appeals instead of the Supreme court, as now. The decision of the Courts of Appeals should be made final also in all cases wherein jurisdiction rests on both diverse citizenship and the existence of a federal question, and not as now be reviewable in the Supreme court when the case involves more than $1,000.

Appeals from the United States court in Porto Rico should also run to the Circuit Court of Appeals of the third circuit instead of to the Supreme court. These suggested changes would, I am advised, relieve the Supreme court of the consideration of about eighty cases annually, and would be in harmony with the theory of review which led to the establishment of the Circuit Court of Appeals and which I have stated above.

The American Bar association has had before it the question of reducing the burden of litigation involved in reversals on review and new trials or rehearing and in frivolous appeals and habeas corpus and criminal cases. Their recommendations have been embodied in bills now pending in congress. The recommendations are not radical, but they will accomplish much if adopted into law, and I earnestly recommend the passage of the bills embodying them.

INJUNCTION CURB ADVOCATED.

I wish to renew my urgent recommendation made in my last annual message in favor of the passage of a law which shall regulate the issuing of injunctions in equity without notice in accordance with the best practice now in vogue in the courts of the United States. I regard this of especial importance, first, because it has been promised, and, second, because it will deprive those who now complain of certain alleged abuses in the improper issuing of injunctions without notice of any real ground for further amendment and will take away all semblance of support for the extremely radical legislation they propose, which will be most pernicious if adopted, will sap the foundations of judicial power and legalize that cruel social instrument, the secondary boycott.

I further recommend to congress the passage of the bill now pending for the increase in the salaries of the federal judges, by which the chief justice of the Supreme court shall receive $17,500 and the associate justices $17,000; the Circuit judges, constituting the Circuit Court of Appeals, shall receive $10,000 and the District judges $9,000. These judges exercise a wide jurisdiction and their duties require of them a profound knowledge of the law, great ability in the dispatch of business and care and delicacy in the exercise of their jurisdiction so as to avoid conflict whenever possible between the federal and the state courts. The positions they occupy ought to be filled by

men who have shown the greatest ability in their professional work at the bar, and it is the poorest economy possible for the government to pay salaries so low for judicial service as not to be able to command the best talent of the legal profession in every part of the country. The cost of living is such, especially in the large cities, that even the salaries fixed in the proposed bill will enable the incumbents to accumulate little, if anything, to support their families after their death. Nothing is so important to the preservation of our country and its beloved institutions as the maintenance of the independence of the judiciary, and next to the life tenure an adequate salary is the most material contribution to the maintenance of independence on the part of our judges.

POSTAL BANK SYSTEM.

At its last session congress made provision for the establishment of savings banks by the postoffice department of this government, by which under the general control of trustees, consisting of the postmaster-general, the secretary of the treasury and the attorney-general, the system could be begun in a few cities and towns, and enlarged to cover within its operations as many cities and towns and as large a part of the country as seemed wise. The initiation and establishment of such a system has required a great deal of study on the part of the experts in the postoffice and treasury departments, but a system has now been devised which is believed to be more economical and simpler in its operation than any similar system abroad. Arrangements have been perfected so that savings banks will be opened in some cities and towns on Jan. 1, and there will be a gradual extension of the benefits of the plan to the rest of the country.

As I have said, the postoffice department is a great business department, and I am glad to note the fact that under its present management principles of business economy and efficiency are being applied. For many years there has been a deficit in the operations of the postoffice department, which has been met by appropriation from the treasury. The appropriation estimated for last year from the treasury over and above the receipts of the department was $17,500,000. I am glad to record the fact that of that $17,500,000 estimated for $11,500,000 were saved and returned to the treasury.

The personal efforts of the postmaster-general secured the effective co-operation of the thousands of postmasters and other posial officers throughout the country in carrying out his plans of reorganization and retrenchment. The result is that the postmaster-general has been able to make his estimate of expenses for the present year so low as to keep within the amount the postal service is expected to earn.

It is gratifying to report that the reduction in the deficit has been accomplished without any curtailment of postal facilities. On the contrary, the service has been greatly extended during the year in all its branches. A principle which the postmaster-general has recommended and sought to have enforced in respect to all appointments has been that those appointees who have rendered good service should be reappointed. This has greatly strengthened the interest of postmasters throughout the country in maintaining efficiency and economy in their offices, because they believed generally that this would secure for them a further tenure.

Upon the recommendation of the postmaster-general I have included in the classified service all assistant postmasters, and I believe that this giving a secure tenure to those who are the most important subordinates of postmasters will add much to the efficiency of their offices and an economical administration. A large number of the fourth-class postmasters are now in the classified service. I think it would be wise to put in the classified service the first, second and third class postmasters. It is more logical to do this than to classify the fourth-class postmasters, for the reason that the fourth-class postoffices are invariably small and the postmasters are necessarily men who must combine some other business with the postmastership, whereas the first, second and third class postmasters are paid a sufficient amount to justify the requirement that they shall have no other business and that they shall devote their attention to their postoffice duties.

To classify first, second and third class postmasters would require the passage of an act changing the method of their appointment so as to take away the necessity for the advice and consent of the senate. I am aware that this is inviting from the senate a concession in respect to its quasi-executive power that is considerable, but I believe it to be in the interest of good administration and efficiency of service. To make this change would take the postmasters out of politics; would relieve congressmen who now are burdened with the necessity of making recommendations for these places of a responsibility that must be irksome and can create nothing but trouble; and it would result in securing from postmasters greater attention to business, greater fidelity and consequently greater economy and efficiency in the postoffices which they conduct.

The unrestricted manner in which the franking privilege is now being used by the several federal services and by congress has laid it open to serious abuses, a fact clearly established through investigations recently instituted by the department. While it has been impossible without a better control of franking to determine the exact expense to the government of the practice, there can be no doubt that it annually reaches into the millions. It is believed that many abuses of the franking system could be prevented, and consequently a marked economy effected, by supplying through the agencies of the postal service special official envelopes and stamps for the free mail of the government, all such envelopes and stamps to be issued on requisition to the various branches of the federal service requiring them, and such records to be kept of all official stamp supplies as will enable the postoffice department to maintain a proper postage account covering the entire volume of free government mail.

As the first step in the direction of this reform special stamps and stamped envelopes have been provided for use instead of franks in the free transmission of the official mail resulting from the business of the new postal savings system. By properly recording the issuance of such stamps and envelopes accurate records can be kept of the cost to the government of handling the postal savings mail, which is certain to become an important item of expense and one that should be separately determined. In keeping with this plan it is hoped that congress will authorize the substitution of special official stamps and stamped envelopes for the various forms of franks now used to carry free of postage the vast volume of departmental and congressional mail matter.

During the past year methods of accounting similar to those employed in the most progressive of our business establishments have been introduced in the postal service and nothing has so impeded the department's plans in this regard as the impossibility of determining with any exactness how far the various expenses of the postal service are increased by the present unrestricted use of the franking privilege. It is believed that the adoption of a more exact method of dealing with this problem as proposed will prove to be of tremendous advantage in the work of placing the postal service on a strictly businesslike basis.

In my last annual message I invited the attention of congress to the inadequacy of the postal rate imposed upon second-class mail matter in so far as that includes magazines and showed by figures prepared by experts of the postoffice department that the government was rendering a service to the magazines costing many millions in excess of the compensation paid. An answer was attempted to this by the representatives of the magazines and a reply was filed to this answer by the postoffice department. The utter inadequacy of the answer, considered in the light of the reply of the postoffice department, I think must appeal to any fair-minded person. Whether the answer was all that could be said in behalf of the magazines is another question. I agree that the question is one of fact; but I insist that if the fact is as the experts of the postoffice depart-

ment show, that we are furnishing to the owners of magazines a service worth millions more than they pay for it, then justice requires that the rate should be increased. The increase in the receipts of the department resulting from this change may be devoted to increasing the usefulness of the department in establishing a parcels post and in reducing the cost of first-class postage to 1 cent.

It has been said by the postmaster-general that a fair adjustment might be made under which the advertising part of the magazine should be charged for at a different and higher rate from that of the reading matter. This would relieve many useful magazines that are not circulated at a profit and would not shut them out from the use of the mails by a prohibitory rate.

PARCELS POST ADVOCATED.

With respect to the parcels post, I respectfully recommend its adoption on all rural-delivery routes, and that eleven pounds—the international limit—be made the limit of carriage in such post, and this with a view to its general extension when the income of the postoffice will permit it and the postal savings banks shall have been fully established. The same argument is made against the parcels post that was made against the postal savings bank—that it is introducing the government into a business which ought to be conducted by private persons, and is paternalism. The postoffice department has a great plant and a great organization, reaching into the most remote hamlet of the United States, and with this machinery it is able to do a great many things economically that if a new organization were necessary it would be impossible to do without extravagant expenditure. That is the reason why the postal savings bank can be carried on at a small additional cost, and why it is possible to incorporate at a very inconsiderable expense a parcels post in the rural-delivery system. A general parcels post will involve much greater outlay.

NAVY OFFICERS AS AIDS.

In the last annual report of the secretary of the navy and in my annual message attention was called to the new detail of officers in the navy department by which officers of flag rank were assigned to duty as aids to the secretary in respect to naval operations, personnel, inspection and material. This change was a substantial compliance with the recommendation of the commission on naval reorganization, headed by Mr. Justice Moody, and submitted to President Roosevelt on Feb. 26, 1909. Through the advice of this committee of line officers the secretary is able to bring about a proper co-ordination of all the branches of the naval department with greater military efficiency. The secretary of the navy recommends that this new organization be recognized by legislation and thus made permanent. I concur in the recommendation.

The secretary, in view of the conclusions of a recent court of inquiry on certain phases of marine-corps administration, recommends that the major-general commandant of the marine corps be appointed for a four years' term, and that officers of the adjutant and inspector's department be detailed from the line. He also asks for legislation to improve the conditions now existing in the personnel of officers of the navy, particularly with regard to the age and experience of flag officers and captains, and points out that it is essential to the highest efficiency of the navy that the age of our officers be reduced and that flag officers particularly should gain proper experience as flag officers in order to enable them properly to command fleets. I concur in the secretary's recommendations.

I commend to your attention the report of the secretary on the change in the system of cost accounting in navy yards and also to the history of the naval-supply fund and the present conditions existing in regard to that matter. Under previous practice and what now seems to have been an erroneous construction of the law the supply fund of the navy was increased from $2,700,000 to something over $14,000,000, and a system of accounting was introduced which prevented the striking of a proper balance and a knowledge of the exact cost of maintaining the naval establishment. The system has now been abandoned and a naval-supply account established by law July 1, 1910. The naval-supply fund of $2,700,000 is now on deposit in the treasury to the credit of the department.

The secretary recommends that the naval-supply account be made permanent by law and that the $2,700,000 of the naval-supply fund be covered into the treasury as unnecessary, and I ask for legislative authority to do this. This sum when covered into the treasury will be really a reduction in recorded naval cost for this year. The estimates of the navy department are $5,000,000 less than the appropriations for the same purpose last year, and included in this is the building programme of the same amount as that submitted for your consideration last year. It is merely carrying out the plan of building two battleships a year, with a few needed auxiliary vessels. I earnestly hope that this programme will be adopted.

The secretary of the navy has given personal examination to every navy yard and has studied the uses of the navy yards with reference to the necessities of our fleet. With a fleet considerably less than half the size of that of the British navy we have shipyards more than double the number, and there are several of these shipyards expensively equipped with modern machinery, which, after investigation, the secretary of the navy believes to be entirely useless for naval purposes. He asks authority to abandon certain of them and to move their machinery to other places where it can be made of use.

In making these recommendations the secretary is following directly along progressive lines which have been adopted in our great commercial and manufacturing consolidations in this country; that is, of dismantling unnecessary and inadequate plants and discontinuing their existence where it has been demonstrated that it is unprofitable to continue their maintenance at an expense not commensurate to their product.

The secretary points out that the most important naval base in the West Indies is Guantanamo, in the southeastern part of Cuba. Its geographical situation is admirably adapted to protect the commercial paths to the Panama canal and he shows that by the expenditure of less than half a million dollars, with the machinery which he shall take from other navy yards, he can create a naval station at Guantanamo of sufficient size and equipment to serve the purpose of an emergency naval base. I earnestly join in the recommendation that he be given the authority which he asks. I am quite aware that such action is likely to arouse local opposition; but I conceive it to be axiomatic that in legislating in the interest of the navy, and for the general protection of the country by the navy, mere local pride or pecuniary interest in the establishment of a navy yard or station ought to play no part. The recommendation of the secretary is based upon the judgment of impartial naval officers, entirely uninfluenced by any geographical or sectional considerations.

I unite with the secretary in the recommendation that an appropriation be made to construct a suitable crypt at Annapolis for the custody of the remains of John Paul Jones.

TRIBUTE TO PEARY.

The complete success of our country in arctic exploration should not remain unnoticed. For centuries there has been friendly rivalry in this field of effort between the foremost nations and between the bravest and most accomplished men. Expeditions to the unknown north have been encouraged by enlightened governments and deserved honors have been granted to the daring men who conducted them. The unparalleled achievement of Peary in reaching the north pole April 6, 1909, approved by critical examination of the most expert scientists, has added to the distinction of our navy, to which he belongs, and reflects credit upon his country. His unique success has received generous acknowledgment from scientific bodies and institutions of learning in Europe and America. I recommend fitting recognition by congress of the great achievement of Robert Edwin Peary.

The secretary of the interior recommends a change of the law in respect to the procedure in

adjudicating claims for lands, by which appeals can be taken from the decisions of the department to the Court of Appeals of the District of Columbia for a judicial consideration of the rights of the complainant. This change finds complete analogy in the present provision for appeals from the decisions of the commissioner of patents. The judgments of the court in such cases would be of decisive value to land claimants generally and to the department of the interior in the administration of the law, would enable claimants to bring into court the final consideration of issues to the title to government land and would, I think, obviate a good deal of the subsequent litigation that now arises in our western courts. The bill is pending, I believe, in the house, having been favorably reported from the committee on public lands, and I recommend its enactment.

One of the difficulties in the interior department and in the land office has been the delays attendant upon the consideration by the land office and the secretary of the interior of claims for patents of public lands to individuals. I am glad to say that under the recent appropriations of the congress and the earnest efforts of the secretary and his subordinates, these arrears have been disposed of, and the work of the department has been brought more nearly up to date in respect to the pending business than ever before in its history. Economies have been effected where possible without legislative assistance, and these are shown in the reduced estimates for the expenses of the department during the current fiscal year and during the year to come.

CONSERVATION OF RESOURCES.

The subject of the conservation of the public domain has commanded the attention of the people within the last two or three years.

There is no need for radical reform in the methods of disposing of what are really agricultural lands. The present laws have worked well. The enlarged homestead law has encouraged the successful farming of lands in the semiarid regions.

The total sum already accumulated in the fund provided by the act for the reclamation of arid lands is about $69,449,058.76, and of this all but $6,241,058.76 has been allotted to the various projects, of which there are thirty. Congress at its last session provided for the issuing of certificates of indebtedness not exceeding $20,000,000, to be redeemed from the reclamation fund when the proceeds of lands sold and from the water rents should be sufficient. Meantime, in accordance with the provisions of the law, I appointed a board of army engineers to examine the projects and to ascertain which are feasible and worthy of completion. That board has made a report upon the subject, which I shall transmit in a separate message within a few days.

In September last a conservation congress was held at St. Paul, at which I delivered an address on the subject of conservation so far as it was within the jurisdiction and possible action of the federal government. In that address I assembled from the official records the statistics and facts as to what had been done in this behalf in the administration of my predecessor and in my own, and indicated the legislative measures which I believed to be wise in order to secure the best use, in the public interest, of what remains of our national domain. There was in this address a very full discussion of the reasons which led me to the conclusions stated. For the purpose of saving in an official record a comprehensive resume of the statistics and facts gathered with some difficulty in that address and to avoid their repetition in the body of this message, I venture to make the address an accompanying appendix. The statistics are corrected to Nov. 15 last.

For the reasons stated in the conservation address, I recommend:

1. That the limitation now imposed upon the executive which forbids his reserving more forest lands in Oregon, Washington, Idaho, Montana, Colorado and Wyoming, be repealed.

2. That the coal deposits of the government be leased after advertisement inviting competitive bids, for terms not exceeding fifty years, with a minimum rental and royalties upon the coal mined, to be readjusted every ten or twelve years, and with conditions as to maintenance which will secure proper mining and as to assignment which will prevent combinations or monopolies from getting control of the coal in any one district or market. I do not think that coal measures under 2,500 acres of surface would be too large an amount to lease to any one lessee.

The secretary of the interior thinks there are difficulties in the way of leasing public coal lands, which objections he has set forth in his report, the force of which I freely concede. I entirely approved his stating at length in his report the objections in order that the whole subject may be presented to congress, but after a full consideration I favor a leasing system and recommend it.

3. That the law should provide the same separation in respect to government phosphate lands of surface and mineral rights that now obtains in coal lands and that power to lease such lands upon terms and limitations similar to those above recommended for coal leases, with an added condition enabling the government to regulate and if need be to prohibit the export to foreign countries of the product.

4. That the law should allow a prospector for oil or gas to have the right to prospect for two years over a certain tract of government land, the right to be evidenced by a license for which he shall pay a small sum; and that upon discovery a lease may be granted upon terms securing a minimum rental and proper royalties to the government, and also the conduct of the oil or gas well in accord with the best method of husbanding the supply of oil in the district. The period of the leases should not be as long as those of coal, but they should contain similar provisions as to assignment to prevent monopolistic combinations.

5. That water-power sites be directly leased by the federal government, after advertisement and bidding, for not exceeding fifty years, upon a proper rental and with a condition fixing rates charged to the public for units of electric power, both rental and rates to be readjusted equitably every ten years by arbitration or otherwise, with suitable provisions against assignment to prevent monopolistic combinations, or that the law shall provide that upon application made by the authorities of the state where the water-power site is situated, it may be patented to the state upon condition that the state shall dispose of it under terms like those just described, and shall enforce those terms, or upon failure to comply with the condition the water-power site and all the plant and improvement on the site shall be forfeited and revert to the United States, the president being given the power to declare the forfeiture and to direct legal proceedings for its enforcement. Either of these methods would, I think, accomplish the proper public purpose in respect to water-power sites, but one or the other should be promptly adopted.

I earnestly urge upon congress that at this session general conservation legislation of the character indicated be adopted. At its last session this congress took most useful and proper steps in the cause of conservation by allowing the executive, through withdrawals, to suspend the action of the existing laws in respect to much of the public domain. I have not thought that the danger of disposing of coal lands in the United States under the present laws in large quantities was so great as to call for their withdrawal, because under the present provisions it is reasonably certain that the government will receive the real value of the land. But in respect to oil lands or phosphate lands and of gas lands in the United States, and in respect to coal lands in Alaska, I have exercised the full power of withdrawal with the hope that the action of congress would follow promptly and prevent that tying up of the resources of the country in the western and less-settled portion and in Alaska, which means stagnation and retrogression.

The question of conservation is not a partisan one, and I sincerely hope that even in the short time of the present session consideration may be

given to those questions which have now been much discussed, and that action may be taken upon them.

GOVERNMENT OF ALASKA.

With reference to the government of Alaska, I have nothing to add to the recommendations I made in my last message on the subject. I am convinced that the migratory character of the population, its unequal distribution, and its smallness of number, which the new census shows to be about 50,000, in relation to the enormous expense of the territory, make it altogether impracticable to give to those people who are in Alaska to-day, and may not be there a year hence, the power to elect a legislature to govern an immense territory to which they have a relation so little permanent. It is far better for the development of the territory that it be committed to a commission to be appointed by the executive, with limited legislative powers sufficiently broad to meet the local needs, than to continue the present insufficient government with few remedial powers, or to make a popular government where there is not proper foundation upon which to rest it.

The suggestion that the appointment of a commission will lead to the control of the government by corporate or selfish and exploiting interests has not the slightest foundation in fact. Such a government worked well in the Philippines, and would work well in Alaska, and those who are really interested in the proper development of that territory for the benefit of the poeple who live in it and the benefit of the people of the United States, who own it, should support the institution of such a government.

I have been asked to recommend that the credit of the government be extended to aid the construction of railroads in Alaska. I am not ready now to do so. A great many millions of dollars have already been expended in the construction of at least two railroads, and if laws be passed providing for the proper development of the resources of Alaska, especially for the opening up of the coal lands, I believe that the capital already invested will induce the investment of more capital sufficient to complete the railroads building, and to furnish cheap coal not only to Alaska but the whole Pacific coast. The passage of a law permitting the leasing of government coal lands in Alaska after public competition, and the appointment of a commission for the government of the territory, with enabling powers to meet the local needs, will lead to an improvement in Alaska and the development of her resources that is likely to surprise the country.

Our national parks have become so extensive and involve so much detail of action in their control that it seems to me there ought to be legislation creating a bureau for their care and control. The greatest natural wonder of this country and the surrounding territory should be included in another national park. I refer to the Grand Canyon of the Colorado.

PENSIONS SHOULD BE LIBERAL.

The uniform policy of the government in the matter of granting pensions to those gallant and devoted men who fought to save the life of the nation in the perilous days of the great civil war has always been of the most liberal character. Those men are now rapidly passing away. The best obtainable official statistics show that they are dying at the rate of something over 3,000 a month, and, in view of their advancing years, this rate must inevitably, in proportion, rapidly increase. To the man who risked everything on the field of battle to save the nation in the hour of its direst need we owe a debt which has not been and should not be computed in a begrudging or parsimonious spirit. But while we should be actuated by this spirit to the soldier himself, care should be exercised not to go to absurd lengths, or distribute the bounty of the government to classes of persons who may, at this late day, from a mere mercenary motive, seek to obtain some legal relation with an old veteran now tottering on the brink of the grave. The true spirit of the pension laws is to be found in the noble sentiments expressed by Mr. Lincoln in his last inaugural address, wherein, in speaking of the nation's duty to its soldiers when the struggle should be over, he said we should "care for him who shall have borne the battle, and for his widow and orphans."

GREAT WEALTH ON FARMS.

The report of the secretary of agriculture invites attention to the stupendous value of the agricultural products of this country, amounting in all to $8,926,000,000 for this year. This amount is larger than that of 1909 by $305,000,000. The existence of such a crop indicates a good prospect for business throughout the country. A notable change for the better is commented upon by the secretary in the fact that the south, especially in those regions where the boll weevil has interfered with the growth of cotton, has given more attention to the cultivation of corn and other cereals, so that there is a greater diversification of crops in the south than ever before—and all to the great advantage of that section.

The report contains a most interesting account of the activities of the department in its various bureaus, showing how closely the agricultural progress in this country is following along the lines of improvement recommended by the department through its publications and the results of its experiment stations in every state, and by the instructions given through the agricultural schools aided by the federal government and following the general curriculum urged by the head and bureau chiefs of the department.

PURE FOOD AS A FEATURE.

The activities of the department have been greatly increased by the enactment of recent legislation, by the pure-food act, the meat-inspection act, the cattle-transportion act and the act concerning the interstate shipment of game. This department is one of those the scope of whose actions is constantly widening and therefore it is impossible under existing legislation to reduce the cost and their estimates below those of preceding years.

An interesting review of the results of an examination made by the department into statistics and prices shows that on the average since 1891 farm products have increased in value 72 per cent, while the things which the farmer buys for use have increased but 12 per cent, an indication that present conditions are favorable to the farming community.

LOSS BY FOREST FIRES.

I have already referred to the forests of the United States and their extent, and have urged, as I do again, the removal of the limitation upon the power of the executive to reserve other tracts of land in six western states in which withdrawal for this purpose is now forbidden. The secretary of agriculture gives a very full description of the disastrous fires that occurred during the last summer in the national forests. A drought more intense than any recorded in the history of the west had introduced a condition into the forests which made fires almost inevitable, and locomotive sparks, negligent campers and in some cases incendiaries furnished the needed immediate cause. At one time the fires were so extended that they covered a range of a hundred miles and the secretary estimates that standing timber of the value of $25,000,000 was destroyed. Seventy-six persons in the employ of the forest service were killed and many more injured, and I regret to say that there is no provision in the law by which the expenses for their hospital treatment or of their interment could be met out of public funds. The Red Cross contributed $1,000 and the remainder of the necessary expenses was made up by private contribution, chiefly from the force of the forest service and its officials. I recommend that suitable legislation be adopted to enable the secretary of agriculture to meet the moral obligations of the government in this respect.

The specific fund for fighting fires was only about $135,000, but there existed discretion in the secretary in case of an emergency to apply other funds in his control to this purpose, and he did so to the extent of nearly a million of dollars,

which will involve the presentation of a deficiency estimate for the current fiscal year of over $900,000. The damage done was not, therefore, due to the lack of an appropriation by congress available to meet the emergency, but the difficulty of fighting it lay in the remote points where the fires began and where it was impossible, with the roads and trails as they now exist, promptly to reach them. Proper protection necessitates, as the secretary points out, the expenditure of a good deal more money in the development of roads and trails in the forests, the establishment of lookout stations and telephone connection between them and places where assistance can be secured.

The amount of reforestation shown in the report of the forest service—only about 15,000 acres, as compared with the 150,000,000 acres of national forests—seems small, and I am glad to note that in this regard the secretary of agriculture and the chief of the forest service are looking forward to far greater activity in the use of available government land for this purpose.

Progress has been made in learning by experiment the best methods of reforesting. Congress is appealed to now by the secretary of agriculture to make the appropriations needed for enlarging the usefulness of the forest service in this regard. I hope that congress will approve and adopt the estimate of the secretary for this purpose.

COMMERCE DEPARTMENT.

The secretary of the department of commerce and labor has had under his immediate supervision the application of the merit system of promotion to a large number of employes, and his discussion of this method of promotions, based on actual experience, I commend to the attention of congress.

The taking of the census has proceeded with promptness and efficiency. The secretary believes, and I concur, that it will be more thorough and accurate than any census which has heretofore been taken, but it is not perfect. The motive that prompts men with a false civic pride to induce the padding of census returns in order to increase the population of a particular city has been strong enough to lead to fraud in respect to a few cities in this country, and I have directed the attorney-general to proceed with all the vigor possible against those who are responsible for these frauds. They have been discovered and they will not interefere with the accuracy of the census, but it is of the highest importance that official inquiry of this sort should not be embarrassed by fraudulent conspiracies in some private or local interest.

The reorganization of the lighthouse board has effected a very considerable saving in the administration, and the estimates for that service for the present year are $428,000 less than for the preceding year. In addition three tenders, for which appropriations were made, are not being built because they are not at present needed for the service. The secretary is now asking for a large sum for the addition of lights and other aids to the commerce of the seas, including a number in Alaska. The trade along that coast is becoming so important that I respectfully urge the necessity for following his recommendation.

The commissioner of corporations has just completed the first part of a report on the lumber industry in the United States. This part does not treat of the question of a trust or combination in the manufacture of lumber, a subject to be dealt with later. The commissioner does find, however, a condition in the ownership of the standing timber of the United States, other than the government timber, that calls for serious attention. The direct investigation made by the commissioner covered an area which contains 80 per cent of the privately owned timber of the country. His report shows that one-half of the timber in this area is owned by 200 individuals and corporations; that 14 per cent is owned by three corporations, and that there is very extensive interownership of stock, as well as other circumstances, all pointing to friendly relations among those who own a majority of this timber, a relationship which might lead to a combination for the maintenance of a price that would be very detrimental to the public interest and would create the necessity of removing all tariff obstacles to the free importations of lumber from other countries.

I am glad to note in the secretary's report the satisfactory progress which is being made in respect to the preservation of the seals of the Pribiloff islands. Very active steps are being taken by the department of state to secure an arrangement which shall protect the Pribiloff herd from the losses due to pelagic sealing. Meantime the government has secured seal pelts of the bachelor seals (the killing of which does not interfere with the maintenance of the herd), from the sale of which next month it is expected to realize about $450,000, a sum largely in excess of the rental paid by the lessee of the government under the previous contract.

The coast and geodetic survey has been engaged in surveying the coasts of the Philippine archipelago. This is heavy work, because of the extended character of the coast line in those islands, but I am glad to note that about half of the needed survey has been completed. So large a part of the coast line of the archipelago has been unsurveyed as to make navigation in the neighborhood of a number of the islands, and especially on the east side, particularly dangerous.

LABOR WARS SETTLED.

The commissioner of labor has been actively engaged in composing the differences between employers and employes engaged in interstate transportation, under the Erdman act, jointly with the chairman of the interstate-commerce commission. I cannot speak in too high terms of the success of these two officers in conciliation and settlement of controversies which, but for their interposition, would have resulted disastrously to all interests.

I invite attention to the very serious injury caused to all those who are engaged in the manufacture of phosphorous matches. The diseases incident to this are frightful, and as matches can be made from other materials entirely innocuous, I believe that the injurious manufacture could be discouraged and ought to be discouraged by the imposition of a heavy federal tax. I recommend the adoption of this method of stamping out a very serious abuse.

Since 1868 it has been the declared purpose of this government to favor the movement for an eight-hour day by a provision of law that none of the employes employed by or on behalf of the government should work longer than eight hours in every twenty-four. The first declaration of this view was not accompanied with any penal clause and with no provision for its enforcement, and though President Grant, by a proclamation, twice attempted to give it his sanction and to require the officers of the government to carry it out, the purpose of the framers of the law was ultimately defeated by a decision of the Supreme court holding that the statute as drawn was merely a direction of the government to its agents and did not invalidate a contract made in behalf of the government which provided in the contract for labor for a day of longer hours than eight. Thereafter in 1892 the present eight-hour law was passed, which provides that the services and employment of all laborers and mechanics who are now or may hereafter be employed by the government of the United States, by the District of Columbia or by any contractor or subcontractor on any of the public works of the United States and of the said District of Columbia are hereby restricted to eight hours in any one calendar day, and it shall be unlawful, etc., etc.

This law has been construed to limit the application of the requirement to those who are directly employed by the government or to those who are employed upon public works situate upon land owned by the United States. This construction prevented its application to government battleships and other vessels built in private shipyards and to heavy guns and armor plate contracted for and made at private establishments.

The proposed act provides that no laborer or mechanic doing any part of the work contemplated by a contract with the United States in the employ of the contractor or any subcontractor shall be required or permitted to work more than eight hours a day in any one calendar day.

It seems to me from the past history that the government has been committed to a policy of encouraging the limitation of the day's work to eight hours in all works of construction initiated by itself, and it seems to me illogical to maintain a difference between government work done on government soil and government work done in a private establishment, when the work is of such large dimensions and involves the expenditure of much labor for a considerable period so that the private manufacturer may adjust himself and his establishment to the special terms of employment that he must make with his workmen for this particular job. To require, however, that every small contract of manufacture entered into by the government should be carried out by the contractor with men working at eight hours would be to impose an intolerable burden upon the government by limiting its sources of supply and excluding altogether the great majority of those who would otherwise compete for its business.

The proposed act recognizes this in the exceptions which it makes to contracts "for transportation by land or water, for the transmission of intelligence and for such materials or articles as may usually be sought in the open market, whether made to conform to particular specifications or not, or for the purpose of supplies by the government, whether manufactured to conform to particular specifications or not."

I recommend that instead of enacting the proposed bill, the meaning of which is not clear and definite and might be given a construction embarrassing to the public interest, the present act be enlarged by providing that public works shall be construed to include not only buildings and work upon public ground, but also ships, armor and large guns when manufactured in private yards or factories.

One of the great difficulties in enforcing this eight-hour law is that its application under certain emergencies becomes exceedingly oppressive and there is a great temptation to subordinate officials to evade it. I think that it would be wiser to allow the president, by executive order, to declare an emergency in special instances in which the limitation might not apply and, in such cases, to permit the payment by the government of extra compensation for the time worked each day in excess of eight hours. I may add that my suggestions in respect to this legislation have the full concurrence of the commissioner of labor.

In view of the keen, widespread interest now felt in the United States in a system of compensation for industrial accidents to supplant our present thoroughly unsatisfactory system of employers' liability (a subject the importance of which congress has already recognized by the appointment of a commission), I recommend that the international congress on industrial insurance be invited to hold its meeting in 1913 in Washington and that an appropriation of $10,000 be made to cover the necessary expenses of organizing and carrying on the meeting.

IMMIGRATION.

The immigration into this country is increasing each year. A large part of it comes through the immigrant station at Ellis island in the city of New York. An examination of the station and the methods pursued satisfies me that a difficult task is there performed by the commissioner and his force with common sense, the strictest fairness and with the most earnest desire to enforce the law equitably and mercifully. It has been proposed to enlarge the accommodations so as to allow more of the immigrants to come by that port. I do not think it wise policy to do this. I have no objection to—on the contrary, I recommend—the construction of additional buildings for the purpose of facilitating a closer and more careful examination of each immigrant as he comes in, but I deprecate the enlargement of the buildings and of the force for the purpose of permitting the examination of more immigrants per day than are now examined. If it is understood that no more immigrants can be taken in at New York than are now taken in and the steamship companies thus are given a reason and a motive for transferring immigrants to other ports, we can be confident that they will be better distributed through the country and that there will not be that congestion in the city of New York which does not make for the better condition of the immigrant or increase his usfulness as a new member of this community. Everything which tends to send the immigrant west and south into rural life helps the country.

I concur with the secretary in his recommendations as to the amendments to the immigration law in increasing the fine against the companies for violation of the regulations and in giving greater power to the commissioner to enforce more care on the part of the steamship companies in accepting immigrants. The recommendation of the secretary, in which he urges that the law may be amended so as to discourage the separation of families, is, I think, a good one.

BUREAU OF HEALTH.

In my message of last year I recommended the creation of a bureau of health in which should be embraced all those government agencies outside of the war and navy departments which are now directed toward the preservation of public health or exercise functions germane to that subject. I renew this recommendation. I greatly regret that the agitation in favor of this bureau has aroused a counter agitation against its creation, on the ground that the establishment of such a bureau is to be in the interest of a particular school of medicine. It seems to me that this assumption is wholly unwarranted, and that those responsible for the government can be trusted to secure in the personnel of the bureau the appointment of representatives of all recognized schools of medicine, and in the management of the bureau entire freedom from narrow prejudice in this regard.

By an act passed by congress the president was authorized to expend $1,000,000 to construct the needed work to prevent injury to the lands of the Imperial valley from the overflow of the Colorado river. I appointed a competent engineer to examine the locality and to report a plan for construction. He has done so. In order to complete the work it is necessary to secure the consent of Mexico, for part of the work must be constructed in Mexican territory. Negotiations looking to the securing of such authority are quite near success. The Southern Pacific Railroad company proposes to assist us in the work by lending equipment and by the transportation of material at cost price, and it is hoped that the work may be completed before any danger shall arise from the spring floods in the river. The work is being done under the supervision of the secretary of the interior and his consulting engineer, Gen. Marshall, late chief of engineers, now retired.

This leads me to invite the attention of congress to the claim made by the Southern Pacific Railroad company for an amount expended in a similar work of relief called for by a flood and great emergency. This work, as I am informed, was undertaken at the request of my predecessor and under promise to reimburse the railroad company. It seems to me the equity of this claim is manifest and the only question involved is the reasonable value of the work done. I recommend the payment of the claim in a sum found to be just.

DISTRICT OF COLUMBIA.

The government of the District of Columbia is a good government. The police force, while perhaps it might be given, or acquire, more military discipline in bearing and appearance, is nevertheless an efficient body of men, free from graft, and discharges its important duties in this capital of the nation effectively. The parks and the streets of the city and the district are generally kept clean and in excellent condition. The commissioners of the district have its affairs well in hand, and, while not extravagant, are constantly looking to those municipal improvements that are expensive, but that must be made in a modern growing city like Washington.

While all this is true, nevertheless the fact that Washington is governed by congress, and that the citizens are not responsible and have no direct control through popular election in district matters, properly subjects the government to inquiry and criticism by its citizens, manifested through the public press and otherwise. Such criticism

should command the careful attention of congress. Washington is the capital of the nation and its maintenance as a great and beautiful city under national control every lover of his country has much at heart, and it should present in every way a model in respect of economy of expenditure, of sanitation, of tenement reform, of thorough public instruction, of the proper regulation of public utilities, of sensible and extended charities, of the proper care of criminals and of youth needing reform, of healthful playgrounds and opportunity for popular recreation and of a beautiful system of parks. I am glad to think that progress is being made in all these directions, but I venture to point out certain specific improvements toward these ends which congress in its wisdom might adopt. Speaking generally, I think there ought to be more concentration of authority in respect to the accomplishment of some of these purposes, with more economy of expenditure.

Attention is invited to the peculiar situation existing in regard to the parks of Washington. The park system proper, comprising some 343 different areas, is under the office of public buildings and grounds, which, however, has nothing to do with the control of Rock Creek park, the zoological park, the grounds of the department of agriculture, the botanic garden, the grounds of the capitol and other public grounds which are regularly open to the public and ought to be part of the park system. Exclusive of the grounds of the Soldiers' home and of Washington barracks, the public grounds used as parks in the District of Columbia comprise over 3,100 acres, under ten different controlling officials or bodies. This division of jurisdiction is most unfortunate.

Large sums of money are spent yearly in beautifying and keeping in good condition these parks and the grounds connected with government buildings and institutions. The work done on all of them is of the same general character—work for which the office of public buildings and grounds has been provided by congress with a special organization and equipment, which are lacking for the grounds not under that office. There can be no doubt that if all work of care and improvement upon the grounds belonging to the United States in the District of Columbia were put, as far as possible, under one responsible head, the result would not only be greater efficiency and economy in the work itself, but greater harmony in the development of the public parks and gardens of the city.

Congress at its last session provided for two more parks, called the Meridian Hill and Montrose parks, and the district commissioners have also included in their estimates a sum to be used for the acquisition of much-needed park land adjoining the zoological park, known as the Klingle Ford tract. The expense of these three parks, included in the estimates of the commissioners, aggregates $900,000. I think it would lead to economy if the improvement and care of all these parks and other public grounds above described should be transferred to the office of public buildings and grounds, which has an equipment well and economically adapted to carrying out the public purpose in respect to improvements of this kind.

To prevent encroachments upon the park area it is recommended that the erection of any permanent structure on any lands in the District of Columbia belonging to the United States be prohibited except by specific authority of congress.

I have already in previous communications to congress referred to the importance of acquiring for the District of Columbia at least a part of the territory on the other side of the Potomac in Virginia, which was originally granted for the district by the state of Virginia and then was retroceded by act of congress in 1846. It is very evident from conferences that I have had with the senators and representatives from Virginia that there is no hope of a regranting by the state of the land thus given back, and I am frank to say that in so far as the tract includes the town of Alexandria and land remote from the Potomac river there would be no particular advantage in bringing that within national control. But the land which lies along the Potomac river above the railroad bridge and across the Potomac, including Arlington cemetery, Fort Myer, the government experiment farm, the village of Rosslyn and the Palisades of the Potomac, reaching to where the old district line intersects the river, is very sparsely settled and could be admirably utilized for increasing the system of the parks of Washington.

It has been suggested to me by the same Virginia senators and representatives that if the government were to acquire for a government park the land above described, which is not of very great value, the present law of Virginia would itself work the creation of federal jurisdiction over it, and if that were not complete enough the legislature of Virginia would in all probability so enlarge the jurisdiction as to enable congress to include it within the control of the government of the District of Columbia and actually make it a part of Washington. I earnestly recommend that steps be taken to carry out this plan.

There are a sufficient number of corporations enjoying the use of public utilities in the District of Columbia to justify and require the enactment of a law providing for their supervision and regulation in the public interest consistent with the vested rights secured to them by their charters.

A part of these corporations, to wit, the street railways, have been put under the control of the interstate-commerce commission, but that commission recommends that the power be taken from it, and intimates broadly that its other and more important duties make it impossible for it to give the requisite supervision. It seems to me wise to place this general power of supervision and regulation in the district commissioners. It is said that their present duties are now absorbing and would prevent the proper discharge by them of these new functions, but their present jurisdiction brings them so closely and frequently in contact with these corporations and makes them to know in such detail how the corporations are discharging their duties under the law and how they are serving the public interest that the commissioners are peculiarly fitted to do this work, and I hope that congress will impose it upon them by intrusting them with powers in respect to such corporations similar to those of the public-utilities commission of New York city or similar boards in Massachusetts.

I do not think the present control of the school system of Washington commends itself as the most efficient and economical and thorough instrument for the carrying on of public instruction. The expenses of the schools of Washington as compared with those of other cities similarly situated are shown by the following table: [See page 427.]

The cost of education in the District of Columbia is thus seen to be excessive as compared with the cost in other cities of similar size, and it is not apparent that the results are in general more satisfactory. The average cost per pupil per day in Washington is about 38 cents, while the average cost in thirteen other American cities fairly comparable with Washington in population and standard of education is about 25.5 cents. For each dollar spent in salaries of school teachers and officers in the district about 4.4 days of instruction per pupil are given, while in the thirteen cities above referred to each dollar expended for salaries affords on the average 6.8 days of instruction. For the current fiscal year the estimates of the board of education amounted to about three-quarters of the entire revenue locally collected for district purposes.

If I may say so, there seems to be a lack of definite plan in the expansion of the school system and the erection of new buildings and of proper economy in the use of these buildings that indicates the necessity for the concentration of control. All plans for improvement and expansion in the school system are with the school board, while the limitation of expenses is with the district commissioners. I think it would be much better to put complete control and responsibility in the district commissioners, and then provide a board of school visitors, to be appointed by the Supreme court of the district or by the president, from the different school districts of Washington, who, representing local needs, shall meet and make recommendations to the commissioners and

COMPARATIVE COST OF PUBLIC SCHOOLS IN WASHINGTON AND ELSEWHERE.

[Prepared by W. V. Judson, engineer.]

A. City.	B. Population estimate of census bureau as of June 1, 1908.a	C. Total cost of schools. Year ending.	C. Total cost of schools. Amount.a	D. No. of dys. schools actually in session.b	E. Aggregate No. of days' attendance of all pupils in two public day schools.
Washington	c325,000	Senate appropriation bill in conference.	d$2,998,960	176½	e7,850,746
Baltimore	568,571	Dec. 31, 1908	1,968,894	196	10,878,196
Pittsburg	547,523	Jan. 31,'09; June 1,'09	3,359,079	200	11,822,400
Cleveland	491,401	Aug. 31, 1908	2,936,760	184	10,366,204
Buffalo	391,629	June 30, 1909	1,869,348	192	9,072,000
San Francisco	g360,290	June 30, 1909	h2,710,025	199	6,618,654
Detroit	376,174	June 30, 1909	2,370,671	194	8,320,050
Cincinnati	g345,230	Aug. 31, 1908	2,272,705	200	7,138,400
Milwaukee	327,873	Dec. 31, 1908	1,631,007	197	7,359,736
New Orleans	323,157	Dec. 31, 1908	1,232,632	172	4,643,312
Newark	302,324	June 30, 1909	2,561,415	192	8,188,160
Minneapolis	297,527	Dec. 31, 1908	1,930,505	183	6,999,319
Jersey City	248,458	Nov. 30, 1908	1,245,094	188	5,502,410
Louisville	233,069	June 30, 1909	844,012	192	4,416,384

	F. No. of teachers and supervising officers.	G. No. of pupils instructed one day per teacher.	H. Cost for salaries—officers and teachers.	I. Cost per capita per annum.	J. Total cost per pupil per day of instruction.	K. No. of pupils instructed one day for each $1 spent in salaries for officers and teachers.	L. Average annual salary—officers, teachers, etc. (including clerks and librarians)
Washington	d1,775	4,423.0	d$1,786,150	$9.2270	$0.382	4,395	$1,006.28
Baltimore	1,788	6,084.0	1,321,033	3.4940	.1810	8.234	738.83
Pittsburg	1,821	6,492.0	1,663,954	6.0980	.252	7.105	913.74
Cleveland	f2,091	4,957.0	1,713,191	5.9740	.283	6.051	819.66
Buffalo	1,478	6,138.0	1,147,356	4.7730	.206	7.906	776.28
San Francisco	1,070	6,185.0	1,342,596	h7.5220	h.4090	4.929	1,254..6
Detroit	1,439	5,781.0	1,303,050	6.3020	.2850	6.356	909.00
Cincinnati	1,116	6,396.0	1,039,280	6.5830	.3180	6.860	931.25
Milwaukee	1,069	6,884.0	1,008,245	4.9740	.2210	7.300	943.16
New Orleans	1,023	4,539.0	662,797	3.8140	.2650	7.050	647.00
Newark	1,279	6,402.0	1,460,516	8.4720	.3130	5.506	1,141.00
Minneapolis	1,150	6,086.0	1,052,073	6.4890	.2760	6.652	914.84
Jersey City	777	7,081.0	745,975	5.0110	.2260	7.376	960.00
Louisville	726	6,083.0	581,619	3.6210	.1910	7.593	801.12

(a) Information furnished by bureau of census, April 29, 1910.

b) Annual report commissioner of education for fiscal year 1909, vol. 2, pp. 647-667.

(c) Unofficial estimate for June 1, 1910.

(d) At date of compilation of this table, May 5, 1910, senate appropriation bill in conference.

(e) Annual report commissioner of education for fiscal year 1909, p. 648, gives this for 1907-8 as 7,606,575. This figure has been increased by 3.21 per cent to correspond with year 1910-11. Annual report board of education, District of Columbia, for 1909, p. 21, gives 1.07 per cent as increase of average enrollment for one year.

(f) From the number of teachers, 2,209, stated by commissioner of education, 106 night school teachers and eleven teachers of the deaf have been deducted. (Annual report Cleveland board of education, Aug. 31, 1908.)

(g) Census bureau, 1907.

(h) As result of San Francisco earthquake over $1,000,000 spent in new construction and included in total cost for year, making it unduly large.

to the superintendent of education—an educator of ability and experience, who should be an appointee of and responsible to the district commissioners.

Among the items for permanent improvements appearing in the district estimates for 1912 is one designed to substitute for Willow Tree alley, notorious in the records of the police and health departments, a playground with a building containing baths, a gymnasium and other helpful features, and I hope congress will approve this estimate. Fair as Washington seems with her beautiful streets and shade trees, and free, as the expanse of territory which she occupies would seem to make her, from slums and insanitary congestion of population, there are centers in the interior of squares where the very poor, and the criminal classes as well, huddle together in filth and noisome surroundings, and it is of primary importance that these nuclei of disease and suffering and vice should be removed, and that there should be substituted for them small parks as breathing spaces, and model tenements having sufficient air space and meeting other hygienic requirements. The estimate for the reform of Willow Tree alley, the worst of these places in the city, is the beginning of a movement that ought to attract the earnest attention and support of congress, for congress cannot escape its responsibility for the existence of these human pest holes.

The estimates for the District of Columbia for the fiscal year 1912 provide for the repayment to the United States of $616,000, one-fourth of the floating debt that will remain on June 30, 1911. The bonded debt will be reduced in 1912 by about the same amount. The District of Columbia is now in an excellent financial condition. Its own share of indebtedness will, it is estimated, be less than $6,000,000 on June 30, 1912, as compared with about $9,000,000 on June 30, 1909. The bonded debt, owed half and half by the United States and the district, will be extinguished by 1924 and the floating debt of the district probably long before that time.

The revenues have doubled in the last ten years, while the population during the same period has increased but 18.78 per cent. It is believed that, if due economy be practiced, the district can soon emerge from debt, even while financing its permanent improvements with reasonable rapidity from current revenues. To this end I recommend the enactment into law of a bill now before congress—and known as the Judson bill—which will insure the gradual extinguishment of the district's debt, while at the same time requiring that the many permanent improvements needed to complete a fitting capital city shall be carried on from year to year and at a proper rate of progress with funds derived from the rapidly increasing revenues.

I renew my recommendation that the claims of the depositors in the Freedmen's bank be recognized and paid by the passage of the pending bill on that subject.

I also renew my recommendation that steps be taken looking to the holding of a negro exposition in celebration of the fiftieth anniversary of the

issuing by Mr. Lincoln of the emancipation proclamation.

CIVIL SERVICE.

The civil-service commission has continued its useful duties during the year. The necessity for the maintenance of the provisions of the civil-service law was never greater than to-day. Officers responsible for the policy of the administration and their immediate personal assistants or deputies should not be included within the classified service; but, in my judgment, public opinion has advanced to the point where it would support a bill providing a secure tenure during efficiency for all purely administrative officials. I entertain the profound conviction that it would greatly aid the cause of efficient and economical government and of better politics if congress could enact a bill providing that the executive shall have the power to include in the classified service all local offices under the treasury department, the department of justice, the postoffice department, the interior department and the department of commerce and labor, appointments to which now require the confirmation of the senate, and that upon such classification the advice and consent of the senate shall cease to be required in such appointments. By their certainty of tenure, dependent on good service, and by their freedom from the necessity for political activity, these local officers would be induced to become more efficient public servants.

The civil-service law is an attempt to solve the problem of the proper selection of those who enter the service. A better system under that law for promotions ought to be devised, but, given the selected employe, there remains still the question of promoting his efficiency and his usefulness to the government, and that can be brought about only by a careful comparison of unit work done by the individual and a pointing out of the necessity for improvement in this regard where improvement is possible.

The increase in the activities and in the annual expenditures of the federal government has been so rapid and so great that the time has come to check the expansion of government activities in new directions until we have tested the economy and efficiency with which the government of to-day is being carried on. The responsibility rests upon the head of the administration. He is held accountable by the public, and properly so. Despite the unselfish and patriotic efforts of the heads of departments and others charged with responsibility of government, there has grown up in this country a conviction that the expenses of government are too great.

The fundamental reason for the existence undetected of waste, duplication and bad management is the lack of prompt, accurate information. The president of a private corporation doing so vast a business as the government transacts would, through competent specialists, maintain the closest scrutiny on the comparative efficiency and the comparative costs in each division or department of the business. He would know precisely what the duties and the activities of each bureau or division are in order to prevent overlapping. No adequate machinery at present exists for supplying the president of the United States with such information respecting the business for which he is responsible. For the first time in the history of the government congress in the last session supplied this need and made an appropriation to enable the president to inquire into the economy and efficiency of the executive departments, and I am now assembling an organization for the purpose.

At the outset I find comparison between departments and bureaus impossible for the reason that in no two departments are the estimates and expenditures displayed and classified alike. The first step is to reduce all to a common standard for classification and judgment, and this work is now being done. When it is completed the foundation will be laid for a businesslike national budget and for such a just comparison of the economy and efficiency with which the several bureaus and divisions are conducted as will enable the president and the heads of departments to detect waste, eliminate duplication, encourage the intelligent and effective civil servants, whose efforts too often go unnoticed, and secure the public service at the lowest possible cost.

The committee on appropriations of congress have diligently worked to reduce the expenses of government and have found their efforts often blocked by lack of accurate information containing a proper analysis of requirements and of actual and reasonable costs. The result of this inquiry should enable the executive in his communications to congress to give information to which congress is entitled and which will enable it to promote economy.

I have requested the head of each department to appoint committees on economy and efficiency in order to secure full co-operation in the movement by the employes of the government themselves. I urge the continuance of the appropriation of $100,000 requested for the fiscal year 1912.

My experience leads me to believe that while government methods are much criticised, the bad results—if we do have bad results—are not due to lack of zeal or willingness on the part of the civil servants. On the contrary, I believe that a fine spirit of willingness to work exists in the personnel, which, if properly encouraged, will produce results equal to those secured in the best-managed private enterprises. In handling government expenditure the aim is not profit—the aim is the maximum of public service at the minimum of cost. We wish to reduce the expenditures of the government and we wish to save money to enable the government to go into some of the beneficial projects which we are debarred from taking up now because we ought not to increase our expenditures.

At a later date I shall send to congress a special message on this general subject.

CIVIL PENSIONS.

It is impossible to proceed far in such an investigation without perceiving the need of a suitable means of eliminating from the service the superannuated. This can be done in one of two ways, either by straight civil pension or by some form of contributory plan.

Careful study of experiments made by foreign governments shows that three serious objections to the civil pension payable out of the public treasury may be brought against it by the taxpayer, the administrative officer and the civil employe, respectively. A civil pension is bound to become an enormous, continuous and increasing tax on the public exchequer; it is demoralizing to the service, since it makes difficult the dismissal of incompetent employes after they have partly earned their pension, and it is disadvantageous to the main body of employes themselves, since it is always taken into account in fixing salaries, and only the few who survive and remain in the service until pensionable age receive the value of their deferred pay. For this reason, after a half century of experience under a most liberal pension system, the civil servants of England succeeded, about a year ago, in having the system so modified as to make it virtually a contributory plan with provision for refund of their theoretical contributions.

The experience of England and other countries shows that neither can a contributory plan be successful, human nature being what it is, which does not make provision for the return of contributions, with interest, in case of death or resignation before pensionable age. Followed to its logical conclusion this means that the simplest and most independent solution of the problem for both employes and the government is a compulsory savings arrangement, the employe to set aside from his salary a sum sufficient, with the help of a liberal rate of interest from the government, to purchase an adequate annuity for him on retirement, this accumulation to be inalienably his and claimable if he leaves the service before reaching the retirement age or by his heirs in case of his death. This is the principle upon which the Gillett bill now pending is drawn.

The Gillett bill, however, goes further and provides that the government shall contribute to the pension fund of those employes who are now so advanced in age that their personal contributions will not be sufficient to create their annuities before reaching the retirement age. In my judgment this provision should be amended so that the an-

nuities of those employes shall be paid out of the salaries appropriated for the positions vacated by retirement, and that the difference between the annuities thus granted and the salaries may be used for the employment of efficient clerks at the lower grades. If the bill can be thus amended I recommend its passage, as it will initiate a valuable system and ultimately result in a great saving in the public expenditures.

INTERSTATE-COMMERCE LAW.

There has not been time to test the benefit and utility of the amendments to the interstate-commerce law contained in the act approved June 18, 1910. The law as enacted did not contain all the features which I recommended. It did not specifically denounce as unlawful the purchase by one of two parallel and competing roads of the stock of the other. Nor did it subject to the restraining influence of the interstate-commerce commission the power of corporations engaged in operating interstate railroads to issue new stock and bonds; nor did it authorize the making of temporary agreements between railroads, limited to thirty days, fixing the same rate for traffic between the same places.

I do not press the consideration of any of these objects upon congress at this session. The object of the first provision is probably generally covered by the antitrust law. The second provision was in the act referred to the consideration of a commission to be appointed by the executive and to report upon the matter to congress. That commission has been appointed and is engaged in the investigation and consideration of the question submitted under the law. It consists of President Arthur T. Hadley of Yale university as chairman; Frederick C. Strauss, Frederick N. Judson, Prof. B. H. Meyer and Walter L. Fisher, with William E. S. Griswold as secretary.

The third proposal led to so much misconstruction of its object, as being that of weakening the effectiveness of the antitrust law, that I am not disposed to press it for further consideration. It was intended to permit railroad companies to avoid useless rate cutting by a mere temporary acquiescence in the same rates, for the same service over competing railroads, with no obligation whatever to maintain those rates for any time.

The protection of railroad employes from personal injury is a subject of the highest importance and demands continuing attention. There have been two measures pending in congress, one for the supervision of boilers and the other for the enlargement of dangerous clearances. Certainly some measures ought to be adopted looking to a prevention of accidents from these causes. It seems to me that with respect to boilers a bill might well be drawn requiring and enforcing by penalty a proper system of inspection by the railway companies themselves which would accomplish our purpose. The entire removal of outside clearances would be attended by such enormous expense that some other remedy must be adopted. By act of May 6, 1910, the interstate-commerce commission is authorized and directed to investigate accidents, to report their causes and its recommendations. I suggest that the commission be requested to make a special report as to injuries from outside clearances and the best method of reducing them.

VALUATION OF RAILROADS.

The interstate-commerce commission has recommended appropriations for the purpose of enabling it to enter upon a valuation of all railroads. This has always been within the jurisdiction of the commission, but requisite funds have been wanting. Statistics of the value of each railroad would be valuable for many purposes, especially if we ultimately enact any limitations upon the power of the interstate railroads to issue stocks and bonds, as I hope we may. I think, therefore, that in order to permit a correct understanding of the facts, it would be wise to make a reasonable appropriation to enable the interstate-commerce commission to proceed with due dispatch to the valuation of all railroads. I have no doubt that railroad companies themselves can and will greatly facilitate this valuation and make it much less costly in time and money than has been supposed.

Forged and fraudulent bills of lading purporting to be issued against cotton some months since resulted in losses of several millions of dollars to American and foreign banking and cotton interests. Foreign bankers then notified American bankers that after Oct. 31, 1910, they would not accept bills of exchange drawn against bills of lading for cotton issued by American railroad companies, unless American bankers would guarantee the integrity of the bills of lading. The American bankers rightly maintained that they were not justified in giving such guaranties, and that, if they did so, the United States would be the only country in the world whose bills were so discredited and whose foreign trade was carried on under such guaranties.

The foreign bankers extended the time at which these guaranties were demanded until Dec. 31, 1910, relying upon us for protection in the meantime, as the money which they furnished to move our cotton crop is of great value to this country.

For the protection of our own people and the preservation of our credit in foreign trade I urge upon congress the immediate enactment of a law under which one who, in good faith, advances money or credit upon a bill of lading issued by a common carrier upon an interstate or foreign shipment can hold the carrier liable for the value of the goods described in the bill at the valuation specified in the bill, at least to the extent of the advances made in reliance upon it. Such liability exists under the laws of many of the states. I see no objection to permitting two classes of bills of lading to be issued: (1) Those under which a carrier shall be absolutely liable, as above suggested, and (2) those with respect to which the carrier shall assume no liability except for the goods actually delivered to the agent issuing the bill. The carrier might be permitted to make a small separate specific charge in addition to the rate of transportation for such guaranteed bill, as an insurance premium against loss from the added risk, thus removing the principal objection which I understand is made by the railroad companies to the imposition of the liability suggested, viz., that the ordinary transportation rate would not compensate them for the liability assumed by the absolute guaranty of the accuracy of the bills of lading.

I further recommend that a punishment of fine and imprisonment be imposed upon railroad agents and shippers for fraud or misrepresentation in connection with the issue of bills of lading issued upon interstate and foreign shipments.

Except as above, I do not recommend any amendment to the interstate-commerce law as it stands. I do not now recommend any amendment to the antitrust law. In other words, it seems to me that the existing legislation with reference to the regulation of corporations and the restraint of their business has reached a point where we can stop for a while and witness the effect of the vigorous execution of the laws on the statute books in restraining the abuses which certainly did exist and which roused the public to demand reform. If this test develops a need for further legislation, well and good, but until then let us execute what we have. Due to the reform movements of the present decade, there has undoubtedly been a great improvement in business methods and standards.

The great body of business men of this country, those who are responsible for its commercial development, now have an earnest desire to obey the law and to square their conduct of business to its requirements and limitations.

These will doubtless be made clearer by the decisions of the Supreme court in cases pending before it.

I believe it to be in the interest of all the people of the country that for the time being the activities of government, in addition to enforcing the existing law, be directed toward the economy of administration and the enlargement of opportunities for foreign trade, the conservation and improvement of our agricultural lands, the building up of home industries and the strengthening of confidence of capital in domestic investment.

The White House, Dec. 6, 1910.

STATISTICS OF POPULATION.

POPULATION OF THE UNITED STATES AT EACH CENSUS (1850-1910.)

[From the reports of the superintendents of the census.]

STATE OR TERRITORY.	1910.		1900.		1890.		1880.		1870.		1860.		1850.	
Alabama	18	2,138,093	18	1,828,697	17	1,513,017	17	1,262,505	16	996,992	13	964,201	12	771,623
Arkansas	25	1,574,449	25	1,311,564	24	1,128,179	25	802,525	26	484,471	25	435,450	26	209,897
California	12	2,377,549	21	1,485,053	22	1,208,130	24	864,694	24	560,247	26	379,994	29	92,597
Colorado	32	799,024	31	539,700	31	412,198	35	194,327	....	39,864	....	34,277	....	.....
Connecticut	31	1,114,756	29	908,420	29	746,258	28	622,700	25	537,454	24	460,147	21	370,792
Delaware	44	202,322	42	184,735	41	168,493	37	146,608	34	125,015	32	112,216	30	91,532
Florida	33	752,615	32	528,542	32	391,422	34	269,493	33	187,748	31	140,424	31	87,445
Georgia	10	2,609,121	11	2,216,331	12	1,837,353	13	1,542,180	12	1,184,109	11	1,057,286	9	906,185
Idaho	43	325,594	43	161,772	43	84,385	....	.....	....	.....	....	.....	....	.....
Illinois	3	5,638,591	3	4,821,550	3	3,826,351	4	3,077,871	4	2,539,891	4	1,711,951	11	851,470
Indiana	9	2,700,876	8	2,516,462	8	2,192,404	6	1,978,301	6	1,680,637	6	1,350,428	7	988,416
Iowa	15	2,224,771	10	2,231,853	10	1,911,896	10	1,624,615	11	1,194,020	20	674,913	27	192,214
Kansas	22	1,690,949	22	1,470,495	19	1,427,096	20	996,096	29	364,399	83	107,206	....	.....
Kentucky	14	2,289,905	12	2,147,174	11	1,858,635	8	1,648,690	8	1,321,011	9	1,155,684	8	982,405
Louisiana	24	1,656,388	23	1,381,625	25	1,118,587	22	939,946	21	726,915	17	708,002	18	517,762
Maine	34	742,371	30	694,466	30	661,086	27	648,936	23	626,915	22	628,279	16	583,169
Maryland	27	1,295,346	26	1,188,044	27	1,042,390	23	934,943	20	780,894	19	687,049	17	583,034
Massachusetts	6	3,366,416	7	2,805,346	6	2,238,943	7	1,783,085	7	1,457,351	7	1,231,066	6	994,514
Michigan	8	2,810,173	9	2,420,982	9	2,093,889	9	1,636,937	13	1,184,059	16	749,113	20	397,654
Minnesota	19	2,075,708	19	1,751,394	20	1,301,826	26	780,773	28	439,706	30	172,023	33	6,077
Mississippi	21	1,797,114	20	1,551,270	21	1,289,600	18	1,131,597	18	827,922	14	791,305	15	606,526
Missouri	7	3,293,335	5	3,106,665	5	2,679,184	5	2,168,380	5	1,721,295	8	1,182,012	13	682,044
Montana	40	376,053	41	243,329	42	132,159	....	.....	....	.....	....	.....	....	.....
Nebraska	29	1,192,214	27	1,066,300	26	1,058,910	30	452,402	35	122,993	35	28,841	....	.....
Nevada	46	81,875	45	42,335	45	45,761	38	62,266	37	42,491	36	6,857	....	.....
New Hampshire	39	430,572	33	411,588	33	376,530	31	346,991	31	318,300	27	326,073	22	317,976
New Jersey	11	2,537,167	16	1,883,669	18	1,444,933	19	1,131,116	17	906,096	21	672,035	10	489,555
New York	1	9,113,614	1	7,268,894	1	5,997,853	1	5,082,871	1	4,382,759	1	3,880,735	1	3,097,394
North Carolina	16	2,206,287	15	1,893,810	16	1,617,947	15	1,399,750	14	1,071,361	12	992,622	10	869,039
North Dakota	37	577,056	39	319,146	39	182,719	....	.....	....	.....	....	.....	....	.....
Ohio	4	4,767,121	4	4,157,545	4	3,672,316	3	3,198,062	3	2,665,260	3	2,339,511	3	1,980,329
Oklahoma	23	1,657,155	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Oregon	35	672,765	35	413,536	33	313,767	36	174,768	36	90,923	34	52,465	32	13,294
Pennsylvania	2	7,635,111	2	6,302,115	2	5,258,014	2	4,282,891	2	3,521,951	2	2,906,215	2	2,311,786
Rhode Island	38	542,674	34	428,556	35	345,506	33	276,531	32	217,353	29	174,620	28	147,545
South Carolina	26	1,515,400	24	1,340,316	23	1,151,149	21	995,577	22	705,606	18	703,708	14	668,507
South Dakota	36	583,888	37	401,570	37	328,808	....	.....	....	.....	....	.....	....	.....
Tennessee	17	2,184,789	13	2,020,616	13	1,767,518	12	1,542,359	9	1,258,520	10	1,109,801	5	1,002,717
Texas	5	3,896,542	6	3,048,710	7	2,235,523	11	1,591,749	19	818,579	23	604,215	25	212,592
Utah	41	373,351	40	276,749	40	207,905	....	.....	....	.....	....	.....	....	.....
Vermont	42	355,956	38	343,641	36	332,422	32	332,286	30	330,551	28	315,098	23	314,120
Virginia	20	2,061,612	17	1,854,184	15	1,655,980	14	1,512,565	10	1,225,163	5	1,596,318	4	1,421,661
Washington	50	1,141,990	33	518,103	34	349,390	....	.....	....	.....	....	.....	....	.....
West Virginia	28	1,221,119	28	958,800	28	762,794	29	618,457	27	442,014	....	.....	....	.....
Wisconsin	13	2,333,860	14	2,069,042	14	1,686,880	16	1,315,497	15	1,054,670	15	775,881	21	305,391
Wyoming	45	145,965	44	92,531	44	60,705	....	.....	....	.....	....	.....	....	.....
The states	....	91,109,447	....	74,610,523	....	62,116,811	....	49,371,340	....	38,155,505	....	31,218,021	....	23,067,262
Alaska	5	64,356	7	63,592	6	.....	....	.....	....	.....	....	.....	....	.....
Arizona	3	204,354	6	122,931	5	59,620	6	40,440	9	9 658	....	.....	....	.....
Dakota	....	.....	....	.....	....	.....	3	135,177	8	14,181	6	4,837	....	.....
District of Columbia	1	331,069	3	278,718	1	230,392	1	177,624	1	131,700	2	75,080	2	51,687
Hawaii	4	191,909	5	154,001	....	.....	....	.....	....	.....	....	.....	....	.....
Idaho	....	.....	....	.....	....	.....	....	32,610	7	.....	....	.....	....	.....
Indian Territory	....	.....	2	392,060	2	.....	8	.....	....	14,999	....	.....	....	.....
Montana	....	.....	....	.....	....	.....	....	39,159	6	.....	....	.....	....	.....
New Mexico	2	327,396	4	195,310	3	153,593	7	119,565	2	20,595	1	93,516	1	61,547
Oklahoma	....	.....	1	398,331	4	61,834	4	.....	....	91,874	....	.....	....	.....
In service of U. S. stationed abroad	....	.....	....	91,219	....	.....	....	.....	....	.....	....	.....	....	.....
Utah	....	.....	....	.....	....	.....	....	143,963	....	86,786	....	40,273	....	11,380
Washington	....	.....	....	.....	....	.....	5	75,116	5	23,955	5	11,594	....	.....
Wyoming	....	.....	....	.....	....	.....	9	20,789	10	9,118	....	.....	....	.....
The territories	....	1,119,084	....	1,604,943	....	505,439	....	784,443	....	402,886	....	225,300	....	124,614
Porto Rico	....	1,118,012	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
United States	....	93,346,543	....	76,303,387	....	62,622,250	....	50,155,783	....	38,588,371	....	31,443,321	....	23,191,876
Per cent of gain	....	22.7	....	21	....	2.49	....	30.08	....	22.65	....	35.58	....	35.86

NOTE—The narrow column under each census year shows the order of the states and territories when arranged according to magnitude of population.

POPULATION OF HAWAIIAN ISLANDS.

Island.	1910.	1900.	1890.
The territory	191,909	154,001	89,990
Kauai and Niihau islands	23,952	20,734	11,859
Oahu island (including Honolulu district)	82,028	58,504	31,194
Hawaii island	55,382	46,843	26,754
Kalawao island	785	1,177	.....
Kahoolawe, Lanai, Maui and Molokai islands	29,762	26,743	.....

PORTO RICO POPULATION STATISTICS.

	1910.	1899.
Territory of Porto Rico	1,118,012	953,243
San Juan city	48,716	32,048
Ponce city	35,027	27,952
Mayaguez city	16,591	15,187
Caguas city	10,354	5,450
Arecibo city	9,612	8,008
Guyama city	8,321	5,334

POPULATION OF THE UNITED STATES AT EACH CENSUS (1790-1840).

[From the reports of the superintendents of the census.]

STATE OR TERRITORY.	1840.		1830.		1820.		1810.		1800.		1790.	
Alabama	12	590,756	15	309,527	19	127,901	....	....	....	....	....	....
Arkansas	25	97,574	27	30,388	25	14,273	....	....	....	....	....	....
California	....	....	....	....	....	....	....	....	....	....	....	....
Colorado	....	....	....	....	....	....	....	....	....	....	....	....
Connecticut	20	309,978	16	297,675	14	275,248	9	261,942	8	251,002	8	237,964
Delaware	26	78,085	24	76,748	22	72,749	19	72,674	17	64,273	16	59,096
Florida	27	54,477	25	34,730	....	....	....	....	....	....	....	....
Georgia	9	691,392	10	516,823	11	340,989	11	252,433	12	162,686	13	82,548
Idaho	....	....	....	....	....	....	....	....	....	....	....	....
Illinois	14	476,183	20	157,445	24	55,211	23	12,282	....	....	....	....
Indiana	10	685,866	13	343,031	18	147,178	21	24,520	20	5,641	....	....
Iowa	28	43,112	....	....	....	....	....	....	....	....	....	....
Kansas	....	....	....	....	....	....	....	....	....	....	....	....
Kentucky	6	779,828	6	687,917	6	564,317	7	406,511	9	220,955	14	73,677
Louisiana	19	352,411	19	215,739	17	153,407	18	76,556	....	....	....	....
Maine	13	501,793	12	399,455	12	298,335	14	228,705	14	151,719	11	96,540
Maryland	15	470,019	11	447,040	10	407,350	8	380,546	7	341,548	6	319,728
Massachusetts	8	737,699	8	610,408	7	523,287	5	472,040	5	422,845	4	378,787
Michigan	23	212,267	26	31,639	26	8,765	24	4,762	....	....	....	....
Minnesota	....	....	....	....	....	....	....	....	....	....	....	....
Mississippi	17	375,651	22	136,621	21	75,448	20	40,352	19	8,850	....	....
Missouri	16	383,702	21	140,455	23	66,586	22	20,845	....	....	....	....
Montana	....	....	....	....	....	....	....	....	....	....	....	....
Nebraska	....	....	....	....	....	....	....	....	....	....	....	....
Nevada	....	....	....	....	....	....	....	....	....	....	....	....
New Hampshire	22	284,574	18	269,328	15	244,161	16	214,460	11	183,858	10	141,885
New Jersey	18	373,306	14	320,823	13	277,575	12	245,562	10	211,149	9	184,139
New York	1	2,428,921	1	1,918,608	1	1,372,812	2	959,049	3	589,051	5	340,120
North Carolina	....	753,419	5	737,987	4	638,829	4	555,500	4	478,103	3	393,751
North Dakota	....	....	....	....	....	....	....	....	....	....	....	....
Ohio	3	1,519,467	4	937,903	5	581,434	13	230,760	18	45,365	....	....
Oregon	....	....	....	....	....	....	....	....	....	....	....	....
Pennsylvania	2	1,724,033	2	1,348,233	3	1,049,458	3	810,091	3	602,365	2	434,373
Rhode Island	24	108,830	23	97,199	20	83,059	17	76,931	16	69,122	15	68,825
South Carolina	11	594,398	9	581,185	8	502,741	6	415,115	6	345,591	7	249,073
South Dakota	....	....	....	....	....	....	....	....	....	....	....	....
Tennessee	5	829,210	7	681,904	9	422,823	10	261,727	15	105,602	17	35,691
Texas	....	....	....	....	....	....	....	....	....	....	....	....
Vermont	21	291,948	17	280,652	16	235,966	15	235,981	13	154,465	12	85,425
Virginia	4	1,239,797	3	1,211,405	2	1,065,366	1	974,600	1	880,200	1	747,610
Washington	....	....	....	....	....	....	....	....	....	....	....	....
West Virginia	....	....	....	....	....	....	....	....	....	....	....	....
Wisconsin	29	30,945	....	....	....	....	....	....	....	....	....	....
Wyoming	....	....	....	....	....	....	....	....	....	....	....	....
The states	....	17,019,641	....	12,820,868	....	9,600,783	....	7,215,858	....	5,294,390	....	....
Alaska	....	....	....	....	....	....	....	....	....	....	....	....
Arizona	....	....	....	....	....	....	....	....	....	....	....	....
Dakota	....	....	....	....	....	....	....	....	....	....	....	....
District of Columbia	1	43,712	1	39,834	1	33,039	1	24,023	1	14,093	....	....
Idaho	....	....	....	....	....	....	....	....	....	....	....	....
Indian Territory	....	....	....	....	....	....	....	....	....	....	....	....
Montana	....	....	....	....	....	....	....	....	....	....	....	....
New Mexico	....	....	....	....	....	....	....	....	....	....	....	....
Oklahoma	....	....	....	....	....	....	....	....	....	....	....	....
Utah	....	....	....	....	....	....	....	....	....	....	....	....
Washington	....	....	....	....	....	....	....	....	....	....	....	....
Wyoming	....	....	....	....	....	....	....	....	....	....	....	....
The territories	....	43,712	....	39,834	....	33,039	....	24,023	....	14,093	....	....
On public ships in service of United States	....	6,100	....	5,318	....	....	....	....	....	....	....	....
United States	....	17,069,453	....	12,866,020	....	9,638,453	....	7,239,881	....	5,308,483	....	3,929,214
Per cent of gain		32.67		33.55		33.08		36.38		35.10		....

NOTE—The narrow column under each census year shows the order of the states and territories when arranged according to magnitude of population.

CENTER OF POPULATION AND ITS MEDIAN POINT.

The center of population is the center of gravity of the population of the country, each individual being assumed to have the same weight. What is known as the median point is the point of intersection of the line dividing the population equally north and south with the line dividing it equally east and west. The center of population in 1900 was at a point six miles southeast of Columbus, Ind., or north latitude 39 degrees and 9.5 minutes and west longitude 85 degrees 48.9 minutes. The median point in 1900 was at Spartanburg, Ind., or latitude 40 degrees 4 minutes and 22 seconds and longitude 84 degrees 51 minutes and 29 seconds.

The center of area of the United States, excluding Alaska and Hawaii and other recent accessions, is in northern Kansas, in approximate latitude 39 degrees 55 minutes and approximate longitude 98 degrees 50 minutes. The center of population is therefore about three-fourths of a degree south and more than thirteen degrees east of the center of area.

GROWTH OF POPULATION OF THE UNITED STATES.

[From report of census for 1910.]

States and territories.	1910.	1900.	1890.	Increase 1900 to 1910 Number.	Increase 1900 to 1910 Per ct.	Increase 1890 to 1900 Number.	Increase 1890 to 1900 Per ct.
Alabama	2,138,093	1,828,697	1,513,401	309,396	16.9	315,296	20.8
Arizona	204,354	122,931	88,243	81,423	66.2	34,688	39.3
Arkansas	1,574,449	1,311,564	1,128,211	262,885	20.0	183,353	16.3
California	2,377,549	1,485,053	1,213,398	892,496	60.1	271,655	22.4
Colorado	799,024	539,700	413,249	259,324	48.0	126,451	30.6
Connecticut	1,114,756	908,420	746,258	206,336	22.7	162,162	21.7
Delaware	202,322	184,735	168,493	17,587	9.5	16,242	9.6
District of Columbia	331,069	278,718	230,392	52,351	18.8	48,326	21.0
Florida	752,615	528,542	391,422	224,077	42.4	137,120	35.0
Georgia	2,609,121	2,216,331	1,837,353	392,790	17.7	378,978	20.6
Idaho	325,594	161,772	88,548	163,822	101.3	73,224	82.7
Illinois	5,638,591	4,821,550	3,826,355	817,041	16.9	995,198	26.0
Indiana	2,700,876	2,516,462	2,192,404	184,414	7.3	324,058	14.8
Iowa	2,224,771	2,231,853	1,912,297	*7,082	*0.3	319,556	16.7
Kansas	1,690,949	1,470,495	1,428,108	220,454	15.0	42,387	3.0
Kentucky	2,289,905	2,147,174	1,858,635	142,731	6.6	288,539	15.5
Louisiana	1,656,388	1,381,625	1,118,588	274,763	19.9	263,037	23.5
Maine	742,371	694,466	661,086	47,905	6.9	33,380	5.0
Maryland	1,295,346	1,188,044	1,042,390	107,302	9.0	145,654	14.0
Massachusetts	3,366,416	2,805,346	2,238,947	561,070	20.0	566,399	25.3
Michigan	2,810,173	2,420,982	2,093,890	389,191	16.1	327,092	15.6
Minnesota	2,075,708	1,751,394	1,310,283	324,314	18.5	441,111	33.7
Mississippi	1,797,114	1,551,270	1,289,600	245,844	15.8	261,670	20.3
Missouri	3,293,335	3,106,665	2,679,185	186,670	6.0	427,480	16.0
Montana	376,053	243,329	142,924	132,724	54.5	100,405	70.3
Nebraska	1,192,214	1,066,300	1,062,656	125,914	11.8	3,644	0.3
Nevada	81,875	42,335	47,355	39,540	93.4	†5,020	†10.6
New Hampshire	430,572	411,588	376,530	18,984	4.6	35,058	9.3
New Jersey	2,537,167	1,883,669	1,144,933	653,498	34.7	438,736	30.4
New Mexico	327,396	195,310	160,282	131,991	67.5	35,028	21.9
New York	9,113,614	7,268,894	6,003,174	1,844,720	25.4	1,265,720	21.1
North Carolina	2,206,287	1,893,810	1,617,949	312,477	16.5	275,861	17.1
North Dakota	577,056	319,146	190,983	257,910	80.8	128,163	67.1
Ohio	4,767,121	4,157,545	3,672,329	609,576	14.7	485,216	13.2
Oklahoma	1,657,155	790,391	258,657	866,764	109.7	531,734	205.6
Oregon	672,765	413,536	317,704	259,229	62.7	95,832	30.2
Pennsylvania	7,665,111	6,302,115	5,258,113	1,362,996	21.6	1,044,002	19.9
Rhode Island	542,674	428,556	345,506	114,054	26.6	83,050	24.0
South Carolina	1,515,400	1,340,316	1,151,149	175,084	13.6	189,167	16.4
South Dakota	583,888	401,570	348,600	182,318	45.4	52,970	15.2
Tennessee	2,184,789	2,020,616	1,767,518	164,173	8.1	253,098	14.3
Texas	3,896,542	3,048,710	2,235,527	847,832	27.8	813,183	36.4
Utah	373,351	276,749	210,779	96,602	34.9	65,970	31.3
Vermont	355,956	343,641	332,422	12,315	3.6	11,219	3.4
Virginia	2,061,612	1,854,184	1,655,980	207,428	11.2	198,204	12.0
Washington	1,141,990	518,103	357,232	623,887	120.4	160,871	45.0
West Virginia	1,221,119	958,800	732,794	262,319	27.4	196,006	25.7
Wisconsin	2,333,860	2,069,042	1,693,330	264,818	12.7	375,712	22.2
Wyoming	145,965	92,531	62,555	53,434	57.7	29,976	47.9
Continental United States	91,972,266	75,994,575	62,947,714	15,947,691	21.0	13,046,861	20.7
Alaska	64,356	63,592	32,052	764	1.2	31,540	98.4
Hawaii	191,909	154,001	89,990	37,908	24.6	64,011	71.1
Porto Rico	1,118,012	†953,769	.....	164,769	17.3	.....	....
Total United States	93,346,543	77,165,937	63,069,756	16,151,132	20.9	13,142,412	22.7

*Decrease. †In 1899.

Note—The total population of the United States, with all its possessions, was estimated by the director of the census in December, 1910, to be 101,101,000. This includes the Philippines, which in 1903 had a population of 7,635,426; the island of Guam, the Samoan islands and the Panama canal zone.

THIRTEENTH UNITED STATES CENSUS.

The act passed at the extra session of the 61st congress and approved July 2, 1909, for the taking of the thirteenth and subsequent censuses provides that a census shall be taken of the population, agriculture, manufactures and mines and quarries of the United States in 1910 and every ten years thereafter, and that it shall include each state and territory on the mainland, the District of Columbia, Alaska, Hawaii and Porto Rico. All reports are to be made within three years from July 1, 1909, the time being known as the decennial census period. An assistant director, a geographer, a chief statistician and other officers and clerks in addition to the regular force in the census office are provided for.

The annual compensation of the officials of the census office during the decennial census period shall be as follows: Director, $7,000; assistant director, $5,000; chief statisticians, $3,000 each; chief clerk, $2,500; disbursing clerk, $2,875; appointment clerk, $2,500; geographer, $2,500; chiefs of division, $2,000 each.

The additional clerks and other employes provided for must pass a civil-service examination, which shall be open to all applicants without regard to politics. Such examination shall be held in such places in each state as may be designated by the civil-service commission.

The thirteenth census was restricted to inquiries relating to population, agriculture, manufactures, mines and quarries. The schedules relating to population included for each inhabitant the name, relationship to head of family, color, sex, age, conjugal condition, place of birth, place of birth of parents, number of years in United States, citizenship, occupation, whether or not employer or employe, and, if employe, whether or not employed at the date of enumeration and the number of months unemployed during the preceding calendar year, whether or not engaged in agriculture, school attendance, literacy and tenure of home and whether or not a survivor of the union or confederate army or navy; and the name and address of each blind or deaf and dumb person; and for the

enumeration of institutions shall include paupers, prisoners, juvenile delinquents, insane, feeble-minded, blind, deaf and dumb and inmates of benevolent institutions.

The results of the enumeration of the population of the states and territories and of the principal cities were announced in the course of the year and, so far as given up to Dec. 15, will be found in this issue of The Daily News Almanac and Year-Book. The figures are official, but are subject to some slight corrections. The population of the states by counties will be found in connection with the election tables.

POPULATION BY CERTAIN AGES AND BY LITERACY IN 1900.

The aggregate of males of voting age in 1900 was 21,250,862, of whom 16,163,556 were native born and 5,087,306 foreign born. The males of militia age aggregated 16,275,001, of whom 13,061,362 were native born and 3,213,639 foreign born. The total illiterates were 2,325,320, and the total number of persons of school age was 26,098,123. The illiterates in the largest cities numbered: New York, 65,556; Chicago, 20,572; Philadelphia, 17,588; St. Louis, 7,026; Boston, 8,111; Baltimore, 10,152, and Cleveland, 5,786.

POPULATION BY SEX, NATIVITY AND COLOR.

[Twelfth census, 1900.]

Classification.	Number.	Classification.	Number.	Classification.	Number.	Classification.	Number.
Males	39,059,242	Native parents	41,053,017	Native white	56,740,739	Chinese	119,050
Females	37,244,145	Foreign parents	15,687,322	Foreign white	10,350,663	Japanese	85,986
Native born	65,843,302	White	66,990,802	Negro	8,840,789	Indian	266,760
Foreign born	10,460,485	Colored	9,312,585				

PERSONS OF FOREIGN PARENTAGE IN THE UNITED STATES.

[Twelfth census, 1900.]

By persons of foreign parentage are meant all persons, whether of native or foreign birth, who have one or both parents foreign born.

Austria	434,728	Denmark	308,488	Hungary	216,402	Sweden	1,084,842
Bohemia	356,865	England	2,146,271	Ireland	4,981,047	Switzerland	255,278
Canada (English)	1,319,141	France	267,257	Italy	732,421	Wales	246,596
Canada (French)	812,621	Germany	7,832,681	Norway	787,836	Other countries	1,079,366
				Poland	687,711	Mixed foreign	1,340,678
				Russia	685,360		
				Scotland	623,350	Total	26,198,939

FOREIGN-BORN POPULATION OF THE UNITED STATES.

[Twelfth census, 1900.]

Country of Birth.	1900.		1890.		1880.		Country of Birth.	1900.		1890.		1880.	
	Number.	Per cent	Number.	Per cent	Number.	Per cent		Number.	Per cent	Number.	Per cent	Number.	Per cent
Austria	276,249	2.7	123,271	1.3	38,663	0.(	Mexico	103,410	1.0	77,853	0.9	68,399	1.0
Bohemia	156,931	1.5	118,106	1.3	85,361	1.3	Norway	336,985	3.3	322,665	3.5	181,729	2.7
Canada (Eng.)	785,958	7.7	678,442	7.3	717,157	10.7	Poland	383,510	3.7	147,440	1.6	48,557	0.7
Canada (Fr.)	395,297	3.8	302,496	3.3			Russia	424,096	4.1	182,644	2.0	35,722	0.5
Denmark	154,284	1.5	132,543	1.4	64,196	1.0	Scotland	233,977	2.3	242,251	2.6	170,136	2.5
England	842,078	8.1	902,092	9.8	664,160	9.9	Sweden	573,040	5.5	478,041	5.2	194,337	2.9
France	104,341	1.0	113,174	1.2	106,971	1.6	Switzerland	115,851	1.1	104,069	1.1	88,621	1.3
Germany	2,666,990	25.8	2,784,894	30.1	1,966,742	29.4	Wales	93,682	0.9	100,079	1.1	83,302	1.3
Holland	105,049	1.0	81,828	0.9	58,090	0.9	Other countries	356,280	3.4	234,155	2.5	197,473	2.5
Hungary	145,802	1.4	62,435	0.7	11,526	0.2							
Ireland	1,618,567	15.6	1,871,509	20.2	1,854,571	27.8	Total	10,356,644	100.0	9,249,547	100.0	6,679,943	100.0
Italy	484,207	4.7	182,580	2.0	44,230	0.7							

FOREIGN-BORN POPULATION BY STATES.

[Twelfth census, 1900.]

Distributed according to countries of birth.

State or Territory.	Total*	Austria.	Bohemia.	Canada.	Denmark.	England.	France	Germany.	Holland.	Hungary.
Alabama	14,592	341	31	706	96	2,347	539	3,634	42	332
Alaska	12,651	228	8	1,619	260	674	93	1,020	30	8
Arizona	24,233	298	16	1,269	199	1,561	253	1,245	23	22
Arkansas	14,289	451	281	1,093	135	1,394	387	5,971	69	97
California	307,240	5,356	504	29,818	9,040	35,746	12,256	72,449	1,015	799
Colorado	91,155	6,024	330	9,797	2,050	13,575	1,162	14,606	260	574
Connecticut	238,210	5,330	493	27,045	2,249	21,569	2,427	31,892	153	5,692
Delaware	15,810	117	4	298	43	1,506	148	2,332	69	86
District of Columbia	20,119	187	12	906	88	2,290	389	5,857	42	48
Florida	23,832	91	20	1,202	204	2,231	262	1,812	52	37
Georgia	12,403	203	23	759	88	1,514	249	3,407	38	166
Hawaii	90,780	225	.....	851	72	739	100	1,154	19	5
Idaho	24,604	294	81	2,923	1,626	3,943	194	2,974	50	37
Illinois	966,747	18,212	38,570	50,595	15,686	64,390	7,787	332,169	21,916	6,734
Indiana	142,121	2,089	526	5,934	783	10,874	2,984	73,546	1,678	1,379
Indian Territory	4,858	203	24	380	33	779	216	842	12	20
Iowa	305,920	2,309	10,809	15,687	17,102	21,027	1,905	123,162	9,388	453
Kansas	126,685	3,517	3,039	8,538	2,914	13,283	2,012	39,509	875	650
Kentucky	50,249	475	52	1,208	77	3,256	983	27,555	136	146
Louisiana	52,903	765	30	1,034	216	2,068	6,500	11,839	78	148
Maine	93,330	105	16	67,077	886	4,793	180	1,356	22	29
Maryland	93,934	1,756	2,813	1,230	177	5,299	534	44,990	220	323
Massachusetts	846,324	3,955	810	293,169	2,470	82,346	3,905	31,395	993	926
Michigan	541,653	6,049	2,160	184,398	6,390	43,339	2,590	125,074	30,406	895

FOREIGN-BORN POPULATION BY STATES.—CONTINUED.

STATE OR TERRITORY.	Total*	Austria.	Bohemia.	Canada.	Denmark.	England.	Fr'nce	Germany.	Holland.	Hungary
Minnesota	505.318	8,872	11,147	47,578	16,299	12,022	1,449	117,007	2,717	2,182
Mississippi	7,981	246	13	420	86	798	365	1,926	41	40
Missouri	216,379	4,458	3,453	8,616	1,510	15,666	3,288	109,282	812	902
Montana	67,067	3,575	177	13,826	1,041	8,077	532	7,162	316	274
Nebraska	177,347	3,893	16,138	9,049	12,531	9,757	876	65,506	885	461
Nevada	10,093	96	5	1,032	339	1,167	303	1,179	3	3
New Hampshire	88,107	201	11	58,967	75	5,100	211	2,006	21	84
New Jersey	431,884	14,728	1,063	7,132	3,899	45,428	5,543	119,598	10,261	14,913
New Mexico	13,625	352	15	764	57	968	298	1,360	99	41
New York	1,900,425	78,491	16,347	117,535	8,746	135,685	20,008	480,026	9,414	37,168
North Carolina	4,492	28	3	480	36	901	95	1,191	17	8
North Dakota	113,091	1,131	1,445	28,166	3,953	2,909	251	11,546	317	1,327
Ohio	458,734	11,575	15,131	22,767	1,468	44,745	5,604	204,160	1,719	16,463
Oklahoma	15,690	485	1,168	1,427	226	1,121	300	5,112	73	153
Oregon	65,748	893	231	6,508	1,663	5,663	775	13,202	324	156
Pennsylvania	985,250	67,492	3,368	14,760	2,531	114,851	9,158	212,453	637	47,393
Rhode Island	134,519	578	41	39,277	268	22,832	679	4,300	69	69
South Carolina	5,528	77	14	204	55	474	84	2,075	6	19
South Dakota	88,508	926	2,320	7,044	5,038	3,862	262	17,873	1,566	421
Tennessee	17,746	284	16	1,045	117	2,207	332	4,569	52	296
Texas	179,357	6,870	9,208	2,949	1,089	8,213	2,025	48,295	262	593
Utah	53,777	240	13	1,331	9,132	18,879	220	2,360	523	33
Vermont	44,747	257	27	25,540	225	2,447	171	882	20	128
Virginia	19,461	250	271	1,030	128	3,425	316	4,504	72	607
Washington	111,364	2,343	396	20,284	3,626	10,481	1,065	16,686	632	222
West Virginia	22,451	1,025	27	711	60	2,622	298	6,537	22	810
Wisconsin	515,971	7,319	14,145	33,951	16,171	17,995	1,637	242,777	6,496	1,123
Wyoming	17,415	1,046	58	1,148	884	2,596	183	2,146	18	287

STATE OR TERRITORY.	Ireland.	Italy.	Norway.	Poland (Austrian and Germ'n)	Poland (Russ'n and unknown.)	Russia.	Scotland	Sweden.	Switzerland.	Wales.
Alabama	1,792	862	159	26	107	468	1,223	488	200	306
Alaska	677	438	1,243	.....	13	218	295	1,445	80	41
Arizona	1,159	699	123	6	16	107	399	342	199	136
Arkansas	1,345	576	54	129	93	276	342	355	679	113
California	44,476	22,777	5,060	259	1,061	3,421	9,467	14,549	10,974	1,949
Colorado	10,132	6,818	1,149	87	533	2,938	4,069	10,765	1,479	1,955
Connecticut	70,994	19,105	709	2,441	8,257	11,401	6,175	16,164	1,499	650
Delaware	5,044	1,122	49	445	982	380	341	302	59	43
District of Columbia	6,220	930	101	13	119	807	574	234	244	82
Florida	797	1,707	235	9	13	220	454	561	113	169
Georgia	2,293	218	155	32	137	1,232	417	201	180	65
Hawaii	225	58	198	.....	72	58	427	140	28	21
Idaho	1,633	779	1,173	15	31	124	796	2,822	1,017	732
Illinois	114,563	23,523	29,970	47,782	20,167	28,707	20,021	99,147	9,033	4,364
Indiana	16,306	1,327	384	4,672	1,395	1,215	2,805	4,673	3,472	2,083
Indian Territory	397	573	31	4	195	200	404	88	63	175
Iowa	28,321	1,198	25,634	153	598	1,998	6,425	29,875	4,342	3,091
Kansas	11,516	987	1,477	208	483	11,019	4,219	15,144	3,337	2,005
Kentucky	9,874	679	34	46	622	1,076	793	222	1,929	337
Louisiana	6,436	17,431	189	30	138	692	399	353	523	126
Maine	10,159	1,334	500	31	412	1,021	2,127	1,385	45	199
Maryland	13,874	2,449	246	1,115	2,566	11,301	2,128	347	320	674
Massachusetts	249,916	28,785	3,335	9,688	11,805	26,963	24,332	32,192	1,277	1,680
Michigan	29,182	6,178	7,582	22,281	6,005	4,138	10,343	26,956	2,617	838
Minnesota	22,428	2,222	104,895	9,061	2,300	5,907	4,810	115,476	3,258	1,288
Mississippi	1,264	845	74	3	87	414	196	308	83	30
Missouri	31,832	4,345	530	1,840	1,840	6,672	3,878	5,692	6,819	1,613
Montana	9,436	2,199	3,554	64	149	394	2,422	5,346	796	935
Nebraska	11,127	752	2,883	2,462	632	8,083	2,773	24,633	2,340	922
Nevada	1,425	1,296	50	4	21	27	247	278	344	128
New Hampshire	13,547	947	295	508	356	722	2,019	2,032	96	68
New Jersey	94,844	41,865	2,296	3,670	10,687	19,745	14,211	7,337	6,570	1,195
New Mexico	692	661	33	14	41	99	427	244	123	105
New York	425,553	182,248	12,601	29,490	40,265	165,610	33,862	42,708	13,678	7,304
North Carolina	371	201	21	7	38	253	320	68	77	20
North Dakota	2,670	700	30,206	878	176	14,979	1,800	8,419	374	147
Ohio	55,018	11,321	639	9,945	6,877	8,203	9,327	3,951	12,007	11,481
Oklahoma	987	28	118	58	98	2,649	333	494	361	94
Oregon	4,210	1,014	2,789	50	263	1,753	2,283	4,555	2,677	401
Pennsylvania	205,909	66,655	1,393	29,895	46,463	50,959	30,386	24,130	6,707	35,453
Rhode Island	35,501	8,972	342	898	964	2,429	5,455	6,072	166	256
South Carolina	1,131	180	49	8	95	316	239	65	36	8
South Dakota	3,298	360	19,788	316	156	12,365	1,153	8,647	585	549
Tennessee	3,372	1,222	141	41	281	927	544	337	1,004	300
Texas	6,173	3,942	1,356	2,196	1,162	2,259	1,952	4,388	1,709	313
Utah	1,516	1,062	2,128	24	41	119	3,143	7,025	1,469	2,141
Vermont	7,453	2,154	54	107	262	377	2,019	1,020	98	1,056
Virginia	3,534	781	123	11	136	1,242	1,162	218	229	267
Washington	7,262	2,124	9,891	194	312	2,462	3,623	12,737	1,825	1,509
West Virginia	3,342	2,921	19	224	403	721	855	132	696	482
Wisconsin	23,544	2,172	61,575	26,975	4,814	4,243	4,569	26,196	7,666	3,356
Wyoming	1,591	781	378	39	40	90	1,253	1,727	199	393

*Includes also those born in other foreign countries.

FOREIGN-BORN POPULATION OF AMERICAN CITIES

Having 100,000 or more inhabitants, distributed according to country of birth.
[Twelfth census, 1900.]

CITY.	Austria.	Bohemia.	Canada.	Denmark.	England.	France	Germany.	Holland.	Hungary.	Ireland.
New York, N. Y.	71.427	15.055	21.926	5.621	68.836	14.755	322.343	2,608	31,516	275.102
Chicago, Ill.	11,815	36,362	34.779	10,166	29,308	2,989	170.738	18.555	4,946	73,912
Philadelphia, Pa.	5,154	270	3,283	934	36,752	2,521	71.319	258	2,785	98.427
St. Louis, Mo.	2,563	2,590	2,490	390	5,800	1,462	58,781	368	561	19,421
Boston, Mass.	1,115	93	50,282	675	13,174	1,003	10,523	391	330	70,147
Baltimore, Md.	1,356	2,321	680	107	2,841	369	33,208	98	155	9,690
Cleveland, O.	4,630	13,599	8,611	373	10,621	485	40,648	804	9,558	13,120
Buffalo, N. Y.	776	39	17,242	148	6,908	791	36,720	311	215	11,292
San Francisco, Cal.	1,841	197	5,199	2,171	8,956	4,870	35,194	244	315	15,963
Cincinnati, O.	654	94	1,031	49	2,201	748	38,219	369	208	9,114
Pittsburg, Pa.	3,553	75	1,073	38	8,902	573	21,222	62	2,124	18,630
New Orleans, La.	391	17	395	92	1,262	4,428	8,733	47	68	5,398
Detroit, Mich.	471	612	28,944	231	6,347	589	32,027	397	91	6,412
Milwaukee, Wis.	1,616	1,719	1,904	514	2,134	263	53,854	606	381	2,653
Washington, D. C.	187	12	906	88	2,299	389	5,857	42	48	6,220
Newark, N. J.	4,074	213	964	216	5,874	646	25,139	108	1,325	12,792
Jersey City, N. J.	1,445	32	1,041	319	4,642	648	17,375	145	136	19,314
Louisville, Ky.	163	16	410	34	850	370	12,383	43	50	4,198
Minneapolis, Minn.	1,133	385	7,343	1,473	2,289	207	7,335	96	581	3,213
Providence, R. I.	425	33	7,752	109	9,639	244	2,257	42	35	18,686
Indianapolis, Ind.	255	17	673	200	1,154	230	8,632	53	138	3,765
Kansas City, Mo.	375	62	1,549	241	1,863	264	4,816	44	118	3,507
St. Paul, Minn.	1,488	1,343	4,572	1,206	2,005	289	12,935	122	659	4,892
Rochester, N. Y.	171	6	8,289	51	3,909	307	15,685	927	32	5,599
Denver, Col.	379	89	2,868	573	3,344	324	5,114	73	179	3,485
Toledo, O.	275	15	3,295	97	1,636	248	12,373	51	647	2,684
Allegheny, Pa.	3,929	757	465	15	2,177	359	12,022	8	560	5,070
Columbus, O.	145	12	494	29	1,057	132	6,296	15	34	2,079
Worcester, Mass.	103	1	8,367	153	2,615	88	626	8	4	11,620
Syracuse, N. Y.	142	9	2,955	48	2,383	187	7,865	19	124	5,717
New Haven, Conn.	286	8	1,170	234	1,912	144	4,743	19	65	10,491
Paterson, N. J.	392	28	559	47	6,285	813	6,584	4,893	317	6,714
Fall River, Mass.	139	6	22,501	47	12,268	79	245	.....	4	7,317
St. Joseph, Mo.	293	25	526	92	632	109	3,566	13	19	1,241
Omaha, Neb.	504	2,176	1,270	2,430	1,526	147	5,522	68	253	2,164
Los Angeles, Cal.	316	32	2,397	239	3,017	933	4,023	88	60	1,720
Memphis, Tenn.	90	2	189	30	367	104	1,508	13	47	1,133
Scranton, Pa.	829	63	281	9	3,692	90	4,704	4	561	7,193

CITY.	Italy	Norway.	Poland (Austrian and German).	Poland (Russian and unknown).	Russia.	Scotland.	Sweden.	Switzerland.	Wales.	Total.*
New York, N. Y.	145.433	11,387	5,876	26,997	155.201	19,836	28,320	8,371	1,686	1,270,080
Chicago, Ill.	16,008	22,011	42,494	15,219	24,178	10,547	48,836	3,251	1,818	587,112
Philadelphia, Pa.	17,830	692	2,698	4,856	28,951	8,479	2,143	1,707	1,033	295,340
St. Louis, Mo.	2,227	172	1,514	1,343	4,785	1,264	1,116	2,752	238	111,356
Boston, Mass.	13,738	1,145	277	3,555	14,995	4,473	5,541	400	308	197,129
Baltimore, Md.	2,042	188	872	1,939	10,493	594	236	186	92	68,600
Cleveland, O.	3,065	249	4,329	4,263	3,607	2,179	1,000	1,288	1,490	124,631
Buffalo, N. Y.	5,669	185	15,735	3,095	1,199	1,868	743	590	153	104,252
San Francisco, Cal.	7,508	2,172	218	648	1,511	3,000	5,248	2,085	386	116,885
Cincinnati, O.	917	12	93	378	1,976	461	111	657	240	57,961
Pittsburg, Pa.	5,709	63	4,538	6,646	28,951	8,479	2,143	1,707	1,033	84,878
New Orleans, La.	5,866	33	11	44	439	218	170	314	35	30,325
Detroit, Mich.	905	75	11,777	1,854	1,332	2,496	267	491	101	96,508
Milwaukee, Wis.	726	1,702	15,742	1,291	1,135	667	659	653	307	88,991
Washington, D. C.	990	101	13	119	807	574	234	244	82	20,119
Newark, N. J.	8,537	62	630	1,293	5,511	1,760	469	736	91	71,363
Jersey City, N. J.	3,832	647	566	2,558	1,694	1,690	899	443	159	58,424
Louisville, Ky.	330	10	35	550	649	225	94	717	26	21,427
Minneapolis, Minn.	222	11,532	499	298	1,929	815	20,035	303	230	61,021
Providence, R. I.	6,256	228	59	710	1,996	1,914	2,775	71	82	55,855
Indianapolis, Ind.	282	18	59	263	338	429	125	272	41	17,122
Kansas City, Mo.	1,034	100	19	315	941	512	1,869	233	109	18,410
St. Paul, Minn.	529	2,900	803	438	987	673	9,852	492	70	46,819
Rochester, N. Y.	1,278	32	617	489	1,777	663	109	478	59	40,748
Denver, Col.	999	344	19	267	1,338	1,033	3,376	364	380	25,301
Toledo, O.	79	45	3,876	599	516	256	112	698	73	27,822
Allegheny, Pa.	786	9	153	550	531	1,183	186	488	798	30,216
Columbus, O.	349	14	10	34	310	172	72	343	595	12,328
Worcester, Mass.	595	269	73	1,212	1,348	714	7,542	21	40	37,652
Syracuse, N. Y.	1,232	13	256	1,144	732	307	90	291	65	23,757
New Haven, Conn.	5,262	119	48	308	3,193	761	1,376	139	65	30,802
Paterson, N. J.	4,266	18	23	460	1,672	2,782	235	1,659	73	38,791
Fall River, Mass.	280	26	263	274	1,095	1,045	104	6	102	50,042
St. Joseph, Mo.	146	42	60	51	627	152	358	348	32	8,424
Omaha, Neb.	449	312	441	154	997	574	3,908	190	68	23,552
Los Angeles, Cal.	763	163	15	92	233	573	808	370	156	19,964
Memphis, Tenn.	726	6	8	86	321	90	110	95	12	5,110
Scranton, Pa.	1,312	6	1,182	2,568	671	576	114	300	4,621	28,973

*Includes also those born in other foreign countries.

INDIANS IN THE UNITED STATES.

[Twelfth census, 1900.]

STATE OR TERRITORY.	Taxed	Not taxed.	STATE OR TERRITORY.	Taxed	Not taxed.	STATE OR TERRITORY.	Taxed	Not taxed
Alabama	177	.....	Louisiana	593	.....	Oklahoma	6,018	5,927
Alaska	29,536	.....	Maine	798	.....	Oregon	4,951	.....
Arizona	1,836	24,644	Maryland	3	.....	Pennsylvania	1,639	.....
Arkansas	66	.....	Massachusetts	587	.....	Rhode Island	35	.....
California	13,828	1,549	Michigan	6,354	.....	South Carolina	121	.....
Colorado	840	597	Minnesota	7,414	1,768	South Dakota	9,293	10,932
Connecticut	153	.....	Mississippi	2,203	.....	Tennessee	108	.....
Delaware	9	.....	Missouri	130	.....	Texas	470	.....
Dist. Columbia	22	.....	Montana	597	10,746	Utah	1,151	1,472
Florida	358	.....	Nebraska	3,322	.....	Vermont	5	.....
Georgia	19	.....	Nevada	3,551	1,965	Virginia	354	.....
Idaho	1,929	2,297	New Hampshire	22	.....	Washington	7,508	2,531
Illinois	16	.....	New Jersey	63	.....	West Virginia	12	.....
Indiana	243	.....	New Mexico	10,207	2,937	Wisconsin	6,715	1,657
Indian Territory	1,107	51,393	New York	546	4,711	Wyoming	1,686	.....
Iowa	382	.....	North Carolina	5,687	.....			
Kansas	2,130	.....	North Dakota	2,276	4,692			
Kentucky	102	.....	Ohio	42	.....	Total	137,242	129,518

INDIAN RESERVATIONS AND POPULATION (1908).

State or territ'y.	Reservation area in acres.	Population.	State or territ'y.	Reservation area in acres.	Population.	State or territ'y.	Reservation area in acres.	Population.
Arizona	17,025,609	39,069	Montana	6,695,108	10,428	South Dakota	6,884,980	20,065
California	414,061	20,010	Nebraska	14,772	3,720	Texas	.....	470
Colorado	483,750	808	Nevada	635,320	5,261	Utah	179,194	1,745
Florida	.....	358	New Mexico	1,699,485	18,255	Washington	2,542,179	8,569
Idaho	916,420	4,015	New York	87,677	5,455	Wisconsin	336,345	10,688
Iowa	2,965	366	North Carolina	63,211	1,912	Wyoming	95,307	1,700
Kansas	922	1,308	North Dakota	2,824,736	7,991	Miscellaneous	.....	713
Michigan	3,402	6,708	Oklahoma	9,705,453	117,124			
Minnesota	683,800	9,957	Oregon	1,277,314	3,687	Total	52,013,010	300,412

NEGROES IN THE UNITED STATES.

[Federal census of 1900.]

State or territory.	White.	Negro.	State or territory.	White.	Negro.
Alabama	1,001,152	827,307	North Carolina	1,263,603	624,469
Alaska	30,493	168	North Dakota	311,712	286
Arizona	92,903	1,848	Ohio	4,060,204	96,901
Arkansas	944,580	366,856	Oklahoma	367,524	18,831
California	1,402,727	11,045	Oregon	394,582	1,105
Colorado	529,046	8,570	Pennsylvania	6,141,664	156,845
Connecticut	892,424	15,226	Rhode Island	419,050	9,092
Delaware	153,977	30,697	South Carolina	557,807	782,321
District of Columbia	191,532	86,702	South Dakota	380,714	955
Florida	297,333	230,730	Tennessee	1,540,186	480,243
Georgia	1,181,294	1,034,813	Texas	2,426,669	620,722
Hawaii	66,890	233	Utah	272,465	672
Idaho	154,495	293	Vermont	342,771	826
Illinois	4,734,873	85,078	Virginia	1,192,855	660,722
Indiana	2,458,502	57,505	Washington	496,304	2,514
Indian Territory	302,680	36,853	West Virginia	915,233	43,990
Iowa	2,218,667	12,693	Wisconsin	2,057,911	2,542
Kansas	1,416,319	52,006	Wyoming	89,051	940
Kentucky	1,862,309	284,706	United States	66,990,788	8,840,789
Louisiana	729,612	650,804			
Maine	692,226	1,319			
Maryland	952,424	235,064			
Massachusetts	2,769,764	31,974			
Michigan	2,398,563	15,816			
Minnesota	1,737,036	4,959			
Mississippi	641,200	907,630			
Missouri	2,944,843	161,234			
Montana	226,283	1,523			
Nebraska	1,056,526	6,269			
Nevada	35,405	154			
New Hampshire	410,791	662			
New Jersey	1,812,317	69,844			
New Mexico	180,207	1,610			
New York	7,156,881	99,232			

NEGRO POPULATION BY CENSUS YEARS.

Year.	Total pop.	White.	Negro.
1900	76,303,387	66,990,788	8,840,789
1890	63,069,756	55,166,184	7,488,789
1880	50,155,783	43,403,400	6,580,793
1870	38,558,371	33,589,377	4,880,009
1860	31,443,321	26,922,537	4,441,830
1850	23,191,876	19,553,068	3,638,808
1840	17,069,453	14,195,805	2,873,648
1830	12,866,020	10,537,378	2,328,642
1820	9,638,453	7,866,797	1,771,656
1810	7,239,881	5,862,073	1,377,808
1800	5,308,483	4,306,446	1,002,037
1790	3,929,214	3,172,006	757,206

DENSITY OF POPULATION.

Inhabitants per square mile of land area in the states and territories in 1900.

State or territory.		State or territory.		State or territory.		State or territory.	
Alabama	35.5	Indiana	70.1	Nebraska	13.9	South Carolina	44.4
Alaska	.1	Indian Territory	12.6	Nevada	.4	South Dakota	5.2
Arizona	1.1	Iowa	40.2	New Hampshire	45.7	Tennessee	48.4
Arkansas	24.7	Kansas	18.0	New Jersey	250.3	Texas	11.6
California	9.5	Kentucky	53.7	New Mexico	1.6	Utah	3.4
Colorado	5.2	Louisiana	30.4	New York	152.6	Vermont	37.6
Connecticut	187.5	Maine	23.2	North Carolina	39.0	Virginia	46.2
Delaware	94.3	Maryland	125.5	North Dakota	4.5	Washington	7.7
Dist. of Columbia	4,645.3	Massachusetts	348.9	Ohio	102.0	West Virginia	39.9
Florida	9.7	Michigan	42.2	Oklahoma	10.3	Wisconsin	38.0
Georgia	37.6	Minnesota	22.1	Oregon	4.4	Wyoming	.9
Hawaii	23.9	Mississippi	33.5	Pennsylvania	140.1		
Idaho	1.9	Missouri	45.2	Rhode Island	407.0	United States	26.6
Illinois	86.1	Montana	1.7				

URBAN POPULATION OF THE UNITED STATES.

[Twelfth census, 1900.]

YEAR.	Total.	Urban.	Pr. ct.	YEAR.	Total.	Urban.	Pr. ct.	YEAR.	Total.	Urban.	Pr. ct.
1900	75,468,039	24,992,199	33.1	1860	31,443,321	5,072,256	16.1	1820	9,638,453	475,135	4.9
1890	62,622,250	18,272,503	29.2	1850	23,191,876	2,897,586	12.5	1810	7,239,881	356,920	4.9
1880	50,155,783	11,318,547	22.6	1840	17,069,453	1,453,994	8.5	1800	5,308,483	210,873	4.0
1870	38,558,371	8,071,875	20.9	1830	12,866,020	864,509	6.7	1790	3,929,214	131,472	3.4

In the above table the total population for 1900 is exclusive of residents on Indian lands and of Hawaii. The urban population in all cases includes persons living in cities and towns of 8,000 or more inhabitants. On the basis of places of 4,000 or more inhabitants the urban population of the United States in 1900 was 28,411,698, or 37.8 per cent.

POPULATION BY CONJUGAL CONDITION.

[United States census, 1900.]

CONDITION.	Both sexes.	Per cent.	Males.	Per cent.	Females.	Per cent.
Single	44,187,155	57.9	23,666,836	60.6	20,520,319	55.1
Married	27,849,761	36.5	14,003,798	35.9	13,845,963	37.2
Widowed	3,903,857	5.1	1,182,293	3.0	2,721,564	7.3
Divorced	199,888	.3	84,903	.2	114,965	.3
Unknown	162,746	.2	121,412	.3	41,334	.1
Total	76,303,387	100.0	39,059,242	100.0	37,244,145	100.0

POPULATION OF THE WORLD.

[Based upon the Statesman's Year-Book for 1910 and publications of the bureau of the census.]

BY GRAND DIVISIONS.

Africa	132,064,487
Asia	882,524,088
Europe	410,607,902
North America	122,711,859
Oceania	53,487,359
South America	44,470,885
Total	1,645,866,580

AFRICA.

Abyssinia (est. 1910)	9,000,000
Anglo-Egyptian Sudan (1909)	2,363,000
British colonies, etc. (1909)	33,606,805
Egypt (1907)	11,287,359
French Africa (1907)	24,576,850
German Africa (est. 1909)	14,120,000
Italian Africa (est. 1902)	450,000
Belgian Kongo (est. 1907)	20,000,000
Liberia (est. 1907)	2,120,000
Morocco (1909)	5,000,000
Portuguese Africa (est. 1908)	8,248,527
Spanish Africa (est. 1904)	291,946
Turkish Africa (est. 1902)	1,000,000
Total	132,064,487

ASIA.

Afghanistan (est. 1909)	5,000,000
Bhutan (1909)	250,000
Ceylon (1908)	4,038,456
Cyprus (1909)	258,997
China (1908)	407,253,030
French Indo China* (1906)	16,594,000
Hongkong (1909)	421,499
India, British (1901)	294,317,082
Japan (1907)	53,066,796
Kiauchau (1903)	33,000
Korea (1900)	10,000,000
Labuan (1909)	8,245
Malay states (1908)	1,243,016
Manchuria (1904)	16,000,000
Mongolia (1904)	2,600,000
Nepal (1909)	5,000,000
Oman (1909)	500,000
Persia (1909)	9,500,000
Portuguese Asia (1901)	895,789
Russia in Asia (1907)	22,661,600
Samos (1907)	53,424
Siam (1907)	6,686,846
Straits Settlements (1909)	628,016
Tibet (1906)	6,500,000
Turkestan, Chinese (1906)	1,200,000
Turkey in Asia (1900)	17,683,500
Weihaiwei (1903)	130,792
Total	882,524,088

*Including French India.

EUROPE.

Andorra (1901)	5,231
Austria-Hungary (1900)	45,405,267
Belgium (1908)	7,386,444
Bulgaria (1905)	4,035,620
Crete (1904)	310,200
Denmark (1906)	2,605,268
France (1906)	39,252,267
Germany (1905)	60,641,278
Great Britain (1906)	45,239,627
Greece (1907)	2,631,952
Iceland (1901)	78,470
Italy (1909)	34,269,764
Luxemburg (1900)	236,543
Monaco (1909)	19,121
Montenegro (1905)	250,000
Netherlands (1908)	5,825,198
Norway (1908)	2,352,786
Portugal (1900)	5,423,132
Roumania (1899)	5,956,690
Russia (1908)	113,841,000
San Marino (1909)	10,310
Servia (1905)	2,688,025
Spain (1908)	19,712,585
Sweden (1908)	5,429,600
Switzerland (1908)	3,559,349
Turkey (1900)	6,130,200
Total	410,607,902

NORTH AMERICA.

Bahamas (1909)	60,309
Bermuda (1906)	17,535
Canada (1907)	6,153,789
Costa Rica (1907)	351,176
Cuba (1907)	2,048,980
Curacao (1906)	52,758
Danish West Indies (1901)	30,527
French islands (1907)	397,000
Greenland (1901)	11,893
Guatemala (1903)	1,842,134
Haiti (1908)	2,029,700
Honduras (1905)	500,136
Honduras, British (1908)	42,406
Jamaica (1908)	845,798
Leeward islands (1909)	172,110
Mexico (1900)	13,605,919
Newfoundland* (1908)	233,012
Nicaragua (1906)	600,000
Panama (1905)	419,029
Porto Rico (1899)	953,243
Salvador (1906)	1,116,253
Santo Domingo (1888)	610,000
United States† (est. 1910)	90,243,000
Windward islands (1908)	375,152
Total	122,711,859

*Including Labrador. †Including Alaska.

OCEANIA.

Australian Federation (1909)	4,625,306
Borneo and Sarawak (British—1906)	660,000
Dutch East Indies (1900)	38,000,000
Fiji islands (1906)	130,981
Gilbert islands (1906)	30,100
Guam (1908)	11,760
Hawaii (1909)	211,610
New Caledonia* (1907)	85,800
New Guinea, British (1907)	501,225
New Guinea, German† (1905)	393,000
New Zealand (1907)	1,029,417
Philippine islands (1903)	7,635,426
Solomon islands (1905)	150,000
Tonga islands (1906)	22,734
Total	53,487,359

*Including other French dependencies. †Including Samoan and other German islands in the Pacific.

SOUTH AMERICA.

Argentine Republic (est. 1908)	6,489,023
Bolivia (1908)	2,049,083
Brazil (1900)	17,318,556
Chile (1908)	3,399,928
Colombia (1905)	4,303,000
Ecuador (1909)	1,272,000
Falkland islands (1906)	2,289
Guiana, British (1907)	297,713
Guiana, French (1907)	27,000
Guiana, Dutch (1908)	81,038
Paraguay (1905)	631,347
Peru (1896)	4,609,999
Trinidad (1907)	343,000
Uruguay (1908)	1,042,668
Venezuela (1907)	2,664,241
Total	44,470,885

POPULATION OF CHIEF AMERICAN CITIES.

[From reports of census bureau.]

PLACES WITH MORE THAN 100,000 INHABITANTS IN 1910.

City.	1910.	1900.	1890.	1880.	1870.	1860.	1850.
New York, N. Y.	4,766,883	3,437,202	1,515,301	1,206,299	942,292	805,651	515,547
Chicago, Ill.	2,185,283	1,698,572	1,099,850	503,298	298,977	109,206	28,269
Philadelphia, Pa.	1,549,008	1,293,697	1,046,964	847,170	674,022	585,529	340,045
St. Louis, Mo.	687,029	575,238	451,770	350,518	310,864	160,773	77,860
Boston, Mass.	670,585	560,892	448,477	362,839	250,526	177,812	136,881
Cleveland, O.	560,663	381,768	261,353	160,146	92,829	43,417	17,034
Baltimore, Md.	558,485	508,957	434,439	332,313	267,354	212,418	169,054
Pittsburg, Pa.	533,905	451,512	343,904	156,389	86,076	49,217	46,601
Detroit, Mich.	465,766	285,704	205,876	116,340	79,577	45,619	21,019
Buffalo, N. Y.	423,715	352,387	255,664	155,134	117,714	81,129	42,261
San Francisco, Cal.	416,912	342,782	298,997	233,959	149,473	56,802	34,776
Milwaukee, Wis.	373,857	285,315	204,463	115,587	71,440	45,246	20,061
Cincinnati, O.	364,463	325,902	296,908	255,139	216,239	161,044	115,436
Newark, N. J.	347,469	246,070	181,830	136,508	105,059	71,914	38,894
New Orleans, La.	339,075	287,104	242,039	216,090	191,418	168,675	116,375
Washington, D. C.	331,069	278,718	230,392	147,293	109,199	61,120	40,001
Los Angeles, Cal.	319,198	102,479	50,395	11,183	5,728	4,385	1,610
Minneapolis, Minn.	301,408	202,718	164,738	46,887	13,066	2,564	.....
Jersey City, N. J.	267,779	206,433	163,003	120,722	82,546	29,226	6,856
Kansas City, Mo.	248,381	163,752	132,716	55,785	32,260	4,418	.....
Seattle, Wash.	237,194	80,671	42,837	3,533	.....	.....	.....
Indianapolis, Ind.	233,650	169,164	105,436	75,056	48,244	.....	8,034
Providence, R. I.	224,326	175,597	132,146	104,857	68,904	50,666	41,513
Louisville, Ky.	223,928	204,731	161,129	123,758	100,753	68,033	43,194
Rochester, N. Y.	218,149	162,608	133,896	89,366	62,386	48,204	36,403
St. Paul, Minn.	214,744	163,065	133,155	41,473	20,030	10,401	1,338
Denver, Col.	213,581	133,859	106,713	35,639	4,759	4,749	.....
Portland, Ore.	207,214	90,426	46,385	17,577	8,293	2,874	821
Columbus, O.	181,548	125,560	88,150	51,647	31,274	18,554	17,882
Toledo, O.	168,497	131,822	81,434	50,137	30,972	13,768	3,829
Atlanta, Ga.	154,839	89,672	65,533	37,409	21,789	9,554	2,572
Oakland, Cal.	150,174	66,960	48,682	34,555	10,500	1,543	.....
Worcester, Mass.	145,986	118,421	84,655	58,291	41,105	24,960	17,049
Syracuse, N. Y.	137,249	108,374	88,143	51,792	43,051	28,119	22,271
New Haven, Conn.	133,605	108,027	81,298	62,882	50,840	39,267	20,345
Birmingham, Ala.	132,685	38,415	26,178	3,086	.....	.....	.....
Memphis, Tenn.	131,105	102,320	64,495	33,592	40,226	22,623	8,839
Scranton, Pa.	129,867	102,026	75,215	45,850	35,092	9,223	.....
Richmond, Va.	127,628	85,050	81,383	63,600	51,038	37,910	27,570
Paterson, N. J.	125,600	105,171	78,347	51,031	33,579	19,586	11,334
Omaha, Neb.	124,096	102,555	140,452	30,518	16,083	1,883	.....
Fall River, Mass.	119,295	104,863	74,398	48,961	26,766	14,026	11,524
Dayton, O.	116,577	85,333	61,220	38,678	30,473	20,081	10,977
Grand Rapids, Mich.	112,571	87,565	60,278	32,016	16,507	8,025	2,686
Nashville, Tenn.	110,364	80,865	76,163	43,350	25,865	16,948	10,165
Lowell, Mass.	106,294	94,969	77,696	59,475	40,298	36,827	33,383
Cambridge, Mass.	104,839	91,886	70,028	52,669	18,547	26,060	15,215
Spokane, Wash.	104,402	36,848	19,922	350	.....	.....	.....
Bridgeport, Conn.	102,054	70,996	48,866	27,643	18,969	13,299	7,560
Albany, N. Y.	100,253	94,151	94,923	90,758	69,658	62,367	50,763
	20,302,995	15,199,172	10,479,250	6,989,138	5,062,660	3,485,715	2,173,847

DECENNIAL INCREASE FROM 1880 TO 1910.

Of cities with more than 100,000 inhabitants in 1910.

City.	Increase from 1900 to 1910		Increase from 1890 to 1900		Increase from 1880 to 1890	
	Number.	Pr.ct.	Number.	Pr.ct.	Number.	Pr.ct.
New York, N. Y.	1,329,681	38.7	1,921,901	126.8	309,002	25.6
Chicago, Ill.	486,708	28.7	598,725	54.4	596,665	118.6
Philadelphia, Pa.	255,311	19.7	246,733	23.6	199,794	23.6
St. Louis, Mo.	111,791	19.4	123,468	27.3	101,252	28.9
Boston, Mass.	109,693	19.6	112,415	25.1	85,638	23.6
Cleveland, O.	178,895	46.9	120,415	46.1	101,207	63.2
Baltimore, Md.	49,528	9.7	74,518	17.2	102,126	30.7
Pittsburg, Pa.	82,393	18.2	82,999	34.8	82,228	52.6
Detroit, Mich.	180,062	63.0	79,828	38.8	89,536	77.0
Buffalo, N. Y.	71,328	20.2	96,723	37.8	100,530	64.8
San Francisco, Cal.	74,130	21.6	43,785	14.6	65,038	27.4
Milwaukee, Wis.	88,542	31.0	80,847	39.5	88,881	76.9
Cincinnati, O.	38,561	11.8	28,994	9.8	41,769	16.4
Newark, N. J.	101,399	41.2	64,240	35.3	45,322	33.2
New Orleans, La.	51,971	18.1	45,065	18.6	25,949	12.0
Washington, D. C.	53,351	18.8	48,326	21.0	52,768	29.7
Los Angeles, Cal.	216,719	211.5	52,084	103.4	39,212	350.6
Minneapolis, Minn.	98,690	48.6	37,980	23.1	117,851	251.4
Jersey City, N. J.	61,346	29.7	43,430	26.6	42,281	35.0
Kansas City, Mo.	84,752	51.7	31,036	23.4	76,931	137.9
Seattle, Wash.	156,523	194.0	37,834	88.3	39,304	1112.5
Indianapolis, Ind.	64,486	38.1	63,728	60.4	30,380	40.5
Providence, R. I.	48,729	27.8	43,451	39.9	27,289	26.0
Louisville, Ky.	19,197	9.4	43,602	27.1	37,371	30.2
Rochester, N. Y.	55,541	34.2	28,712	21.4	44,530	49.8
St. Paul, Minn.	51,679	31.7	29,909	22.5	91,683	221.1

City.	Increase from 1900 to 1910 Number.	Pr.ct.	Increase from 1880 to 1900 Number.	Pr.ct.	Increase from 1880 to 1890 Number.	Pr.ct.
Denver, Col	79,522	59.4	27,146	25.4	71,084	199.5
Portland, Ore	116,788	140.2	44,041	94.9	28,808	163.9
Columbus, O	55,988	44.6	37,410	42.4	36,503	70.7
Toledo, O	36,675	27.8	50,388	61.9	31,297	62.4
Atlanta, Ga	64,967	72.3	24,339	37.1	28,124	75.2
Oakland, Cal	83,214	124.3	18,278	37.5	14,127	40.9
Worcester, Mass	27,565	23.3	33.766	39.9	26,364	45.2
Syracuse, N. Y	28,875	26.6	20,231	23.0	36,351	70.2
New Haven, Conn	25,578	23.6	26,729	32.9	18,416	29.3
Birmingham, Ala	94,270	245.4	12,237	46.7	23,092	748.3
Memphis, Tenn	28,785	28.1	37.825	58.6	30,903	92.0
Scranton, Pa	27,841	27.3	26,811	35.6	29,365	64.0
Richmond, Va	85,050	50.1	3,662	4.5	17,788	28.0
Paterson, N. J	20,429	19.4	26.824	34.2	27,316	53.5
Omaha, Neb	21,541	21.0	37.897	27.0	109,934	360.2
Fall River, Mass	14,432	13.8	26.824	34.2	27,316	53.5
Dayton, O	31,244	36.6	24,113	39.4	22,542	58.3
Grand Rapids, Mich	25,006	28.5	27,287	45.3	28,262	88.3
Nashville, Tenn	29,499	36.5	4,697	6.2	32,818	75.7
Lowell, Mass	11,325	11.9	17,273	22.2	18,221	30.6
Cambridge, Mass	12,953	14.1	21,858	31.2	17,359	33.0
Spokane, Wash	67,554	183.3	19,572	530.6	.....	....
Bridgeport, Conn	31,058	43.7	22,130	45.3	21,223	76.8
Albany, N. Y	6,102	6.5	*772	*0.8	4,165	4.6

*Decrease.

POPULATION OF AMERICAN CITIES WITH LESS THAN 100,000 INHABITANTS IN 1910.

City.	1910.	1900.
Akron, O	69,067	42,728
Alameda, Cal	23,383	16,464
Alexandria, Va	15,329	14,528
Allentown, Pa	51,913	35,416
Alton, Ill	17,528	14,210
Altoona, Pa	52,127	38,973
Amsterdam, N. Y	31,267	20,929
Ann Arbor, Mich	14,817	14,509
Ansonia, Conn	15,152	12,681
Ardmore, Okla	8,618	*8,759
Argenta, Ark	11,138	5,140
Arlington, Mass	11,187	8,603
Atlantic City, N. J	46,150	27,838
Auburn, N. Y	34,668	30,343
Augusta, Ga	41,040	39,441
Aurora, Ill	29,807	24,147
Austin, Tex	29,860	22,258
Barre, Vt	10,734	8,448
Battle Creek, Mich	25,267	18,563
Bay City, Mich	45,267	27,628
Bayonne, N. J	55,545	32,722
Belleville, Ill	21,122	17,484
Beloit, Wis	15,125	10,436
Berkeley, Cal	40,434	13,214
Binghamton, N. Y	48,443	39,647
Bloomfield, N. J	15,070	9,668
Bloomington, Ill	25,768	23,286
Boise, Idaho	17,358	5,957
Boone, Iowa	10,347	8,880
Braddock, Pa	19,357	21,000
Brockton, Mass	56,878	40,063
Brookline, Mass	27,792	19,935
Brownsville, Tex	10,517	6,134
Burlington, Vt	20,468	18,640
Butte, Mont	39,165	30,470
Cambridge, O	11,327	8,241
Camden, N. J	94,538	75,935
Canton, Ill	10,453	6,564
Canton, O	50,217	30,667
Carnegie, Pa	10,009	7,330
Carson City, Nev	2,466	2,100
Cedar Rapids, Iowa	32,811	25,656
Central Falls, R. I	22,754	18,167
Charlotte, N. C	34,014	18,091
Chattanooga, Tenn	44,604	30,154
Chelsea, Mass	32,452	34,072
Chester, Pa	38,537	33,988
Chickasha, Okla	10,320	*7,862
Chicopee, Mass	25,401	19,167
Clinton, Iowa	25,577	22,698
Cohoes, N. Y	24,709	23,910
Colorado Spring, Col	29,078	21,085
Corning, N. Y	13,730	11,061
Cortland, N. Y	11,504	9,014
Council Bluffs, Iowa	29,292	25,802
Covington, Ky	53,270	42,938
Cranston, R. I	21,171	13,343
Cumberland, Md	21,839	17,128
Cumberland, R. I	10,107	8,925
Dallas, Tex	92,104	42,638
Danbury, Conn	20,234	16,537
Danville, Ga	19,020	16,520
Danville, Ill	27,871	11,491
Davenport, Iowa	43,028	35,254
Decatur, Ill	31,140	20,754
Des Moines, Iowa	86,368	62,139
Dubuque, Iowa	38,494	36,297
Duluth, Minn	78,466	52,969
Dunkirk, N. Y	17,221	11,616
Duquesne, Pa	15,727	12,933
East Chicago, Ind	19,098	3,411
Easton, Pa	28,523	25,238
East Orange, N. J	34,371	21,506
East St. Louis, Ill	58,547	29,635
Elgin, Ill	25,976	22,433
Elizabeth, N. J	73,409	52,130
Elmira, N. Y	37,176	35,672
El Paso, Tex	39,279	15,906
Enid, Okla	15,799	*10,087
Erie, Pa	66,525	52,733
Evansville, Ind	69,647	59,007
Everett, Mass	33,484	24,336
Fitchburg, Mass	37,826	31,531
Flint, Mich	38,550	13,103
Fort Dodge, Iowa	15,543	12,162
Fort Wayne, Ind	63,933	45,115
Fort Worth, Tex	73,312	26,688
Freeport, Ill	17,567	13,258
Fulton, N. Y	10,480	5,281
Gadsden, Ala	10,557	4,282
Galveston, Tex	36,981	37,789
Geneva, N. Y	12,446	10,433
Glens Falls, N. Y	15,243	12,613
Gloversville, N. Y	20,642	18,349
Great Falls, Mont	13,948	14,930
Green Bay, Wis	25,236	18,684
Hamilton, O	35,279	23,914
Harrisburg, Pa	64,186	50,167
Hartford, Conn	98,915	79,850
Haverhill, Mass	44,115	37,175
Hazleton, Pa	25,452	14,230
Hoboken, N. J	70,324	59,364
Holyoke, Mass	57,730	45,712
Homestead, Pa	18,713	17,145
Honolulu, H. I	52,183	39,306
Hornell, N. Y	13,617	11,918
Houston, Tex	78,800	44,633
Hudson, N. Y	11,417	9,528
Huntington, W. Va	31,161	11,923
Hyde Park, Mass	15,507	13,244
Ithaca, N. Y	14,802	13,136
Jackson, Mich	31,433	25,180
Jacksonville, Fla	57,699	28,429
Jamestown, N. Y	31,297	22,892
Janesville, Wis	13,894	13,185
Johnstown, N. Y	10,447	10,130
Johnstown, Pa	55,482	35,936
Joliet, Ill	34,670	29,353
Joplin, Mo	32,073	26,023
Kalamazoo, Mich	39,437	24,404
Kansas City, Kas	82,331	51,418
Kingston, N. Y	25,908	24,535
Knoxville, Tenn	36,346	32,637
Lackawanna, N. Y	14,549	.....
LaCrosse, Wis	30,417	28,895
Lancaster, Pa	47,227	41,459
Lansing, Mich	31,229	16,485
Laredo, Tex	14,855	13,429
Lawrence, Mass	85,892	62,559
Lewiston, Me	26,247	23,761
Lexington, Ky	35,099	26,369
Lima, O	30,508	21,723
Lincoln, Neb	43,973	40,169
Little Falls, N. Y	12,273	10,381
Little Rock, Ark	45,941	38,307
Lockport, N. Y	17,970	16,581
Lorain, O	28,883	16,028
Lynchburg, Va	29,494	18,891
Lynn, Mass	89,336	68,513
Macon, Ga	40,665	23,272
Madison, Wis	25,531	19,164
Malden, Mass	44,404	33,664
Manchester, N. H	70,063	56,987
Medford, Mass	23,150	18,244
Melrose, Mass	15,715	12,962
Meriden, Conn	27,265	24,296
Middletown, Conn	11,851	9,589
Middletown, N. Y	15,313	14,522
Middletown, O	13,152	9,215
Moline, Ill	24,199	17,248
Mobile, Ala	51,521	31,469
Montgomery, Ala	38,136	30,346
Mount Vernon, N. Y	30,919	21,228
Muskogee, Okla	25,278	*14,418
McAlester, Okla	12,954	*6,144
McKeesport, Pa	42,694	34,227
McKees Rocks, Pa	14,702	6,352
Nashua, N. H	26,005	23,898
Newark, O	25,404	18,157
New Bedford, Mass	96,652	62,442
New Britain, Conn	43,916	25,998
New Brunswick, N. J	23,388	20,006
Newburgh, N. Y	27,805	24,943
Newcastle, Pa	36,280	28,339
New London, Conn	19,659	17,548
Newport, Ky	30,309	28,301
Newport News, Va	20,205	19,635
Newport, R. I	27,149	22,441
New Rochelle, N. Y	28,867	14,720
Newton, Mass	39,806	33,587
Niagara Falls, N. Y	30,445	19,457
Norfolk, Va	67,452	46,624
Norristown, Pa	27,875	22,265
North Braddock, Pa	11,824	6,535

City.	1910.	1900.
N. Tonawanda, N. Y.	11,955	9,069
North Yakima, Wash.	14,032	3,154
Norwich, Conn.	20,367	17,251
Oak Park, Ill.	19,444	...†
Ogdensburg, N. Y.	15,933	12,633
Ogden, Utah	25,580	14,889
Oklahoma City, Okla.	64,205	*32,452
Olean, N. Y.	14,743	9,462
Orange, N. J.	29,630	24,141
Oshkosh, Wis.	33,062	28,284
Oswego, N. Y.	23,368	22,199
Oyster Bay, N. Y.	21,802	16,334
Pasadena, Cal.	30,291	9,117
Passaic, N. J.	54,773	27,777
Pawtucket, R. I.	51,622	39,231
Pensacola, Fla.	22,982	17,747
Peoria, Ill.	66,950	56,100
Perth Amboy, N. J.	32,121	17,699
Petersburg, Va.	24,127	21,810
Pittsfield, Mass.	32,121	21,766
Plattsburg, N. Y.	11,138	8,434
Portland, Me.	58,571	50,145
Portsmouth, Va.	33,190	17,427
Poughkeepsie, N. Y.	27,936	24,029
Pueblo, Col.	44,395	28,157
Quincy, Ill.	36,587	36,252
Quincy, Mass.	32,642	23,899
Racine, Wis.	38,002	29,102
Reading, Pa.	96,071	78,961
Rensselaer, N. Y.	10,711	7,466
Revere, Mass.	18,219	10,395
Roanoke, Va.	34,874	21,495
Rockford, Ill.	45,401	31,051
Rock Island, Ill.	24,334	19,493
Rome, Ga.	12,099	7,291
Rome, N. Y.	20,497	15,343
Rutland, Vt.	13,546	11,499
Sacramento, Cal.	44,696	29,282
Saginaw, Mich.	50,510	42,345
St. Joseph, Mo.	77,403	102,979
Salem, Mass.	43,697	35,956
Salt Lake City, Utah.	92,777	53,531
San Angelo, Tex.	10,321	4,000
San Antonio, Tex.	96,614	53,321
San Diego, Cal.	39,578	17,700
San Jose, Cal.	28,946	21,500
Sault Ste. Marie, Mich.	12,615	10,538
Savannah, Ga.	65,064	54,244
Schenectady, N. Y.	72,826	31,682
Shawnee, Okla.	12,474	10,955
Sheboygan, Wis.	26,398	22,962
Shenandoah, Pa.	25,774	20,321
Shreveport, La.	28,015	16,013
Sioux City, Iowa.	47,828	33,111
Somerville, Mass.	77,236	61,643
South Bend, Ind.	53,684	35,999
South Omaha, Neb.	26,259	26,001
Springfield, Ill.	51,678	34,159
Springfield, Mass.	88,926	62,059
Springfield, Mo.	35,201	23,267
Springfield, O.	46,921	38,253
Stamford, Conn.	25,138	15,997
Staunton, Va.	10,604	7,289
Superior, Wis.	40,384	31,091
Tacoma, Wash.	82,972	37,714
Tampa, Fla.	38,524	15,839
Taunton, Mass.	34,259	31,036
Temple, Tex.	10,993	7,065
Terre Haute, Ind.	58,157	36,673
Topeka, Kas.	43,684	33,608
Trenton, N. J.	96,815	73,307
Troy, N. Y.	76,813	60,651
Tulsa, Okla.	18,182	*7,298
Utica, N. Y.	74,419	56,383
Waco, Tex.	26,425	20,686
Wakefield, Mass.	11,401	9,290
Waltham, Mass.	27,834	23,481
Warwick, R. I.	26,629	21,316
Waterbury, Conn.	73,141	45,859
Waterloo, Iowa.	26,693	12,580
Watertown, Mass.	12,875	9,706
Watertown, N. Y.	26,730	21,696
Watervliet, N. Y.	15,074	14,321
West Hoboken, N. J.	35,403	23,094
Weymouth, Mass.	12,895	11,324
Wheeling, W. Va.	41,641	38,878
Wichita, Kas.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Wilkinsburg, Pa.	18,924	19,999
Williamsport, Pa.	31,860	28,757
Willimantic, Conn.	11,230	8,937
Wilmington, Del.	87,411	76,508
Wilmington, N. C.	25,748	20,976
Winthrop, Mass.	10,132	6,058
Woburn, Mass.	15,308	14,254
Woonsocket, R. I.	38,125	28,205
Yonkers, N. Y.	79,803	47,931
York, Pa.	44,708	20,793
Youngstown, O.	79,066	44,885
Zanesville, O.	28,026	23,538

*In 1907. †Organized in 1902.

POPULATION OF NEW YORK CITY BY BOROUGHS.

	1910.	1900.	1890.
Manhattan borough	2,331,542	1,850,093	1,441,216
Bronx borough	430,980	200,507	88,908
Brooklyn borough	1,634,351	1,166,582	838,547
Richmond borough	85,969	67,021	51,693
Queens borough	284,041	152,999	87,050
Total New York city	4,766,883	3,437,202	2,507,414

UNITED STATES COMMERCE COURT.

[Appointments made Dec. 12, 1910.]

Martin A. Knapp, New York, five years.
Robert W. Archbald, Pennsylvania, four years.
William H. Hunt, Montana, three years.
John Emmett Carland, South Dakota, two years.
Julian W. Mack, Illinois, one year.
The salaries of the judges are $8,500 a year.
[For duties and jurisdiction of the Commerce court see page 34.]

NEW INTERSTATE-COMMERCE COMMISSIONERS.

Prof. B. H. Meyer of Madison, Wis., and C. C. McChord of Louisville, Ky., were appointed members of the interstate-commerce commission Dec. 12, 1910, to succeed Martin A. Knapp, appointed to the Commerce court, and Francis M. Cockrell, resigned.

CONSTITUTION OF THE UNITED STATES.

September 17, 1787.

PREAMBLE. We, the people of the United States, in order to form a more perfect union, establish justice, insure domestic tranquillity, provide for the common defense, promote the general welfare and secure the blessings of liberty to ourselves and our posterity, do ordain and establish this constitution for the United States of America:

ARTICLE I.

Section I. All legislative powers herein granted shall be vested in a congress of the United States, which shall consist of a senate and house of representatives.

Section II. 1. The house of representatives shall be composed of members chosen every second year by the people of the several states, and the electors in each state shall have the qualifications requisite for electors of the most numerous branch of the state legislature.

2. No person shall be a representative who shall not have attained to the age of 25 years and been seven years a citizen of the United States, and who shall not, when elected, be an inhabitant of that state in which he shall be chosen.

3. Representatives and direct taxes shall be apportioned among the several states which may be included within this union, according to their respective numbers, which shall be determined by adding to the whole number of free persons, including those bound to service for a term of years, and excluding Indians not taxed, three-fifths of all other persons. The actual enumeration shall be made within three years after the first meeting of the congress of the United States, and with in every subsequent term of ten years, in such manner as they shall by law direct. The number of representatives shall not exceed one for every 30,000, but each state shall have at least one representative, and until such enumeration shall be made the state of New Hampshire shall be entitled to choose three; Massachusetts, eight; Rhode Island and Providence Plantations, one; Connecticut, five; New York, six; New Jersey, four; Pennsylvania, eight; Delaware, one; Maryland, six, Virginia, ten; North Carolina, five; South Carolina, five, and Georgia, three.

4. When vacancies happen in the representation from any state the executive authority thereof shall issue writs of election to fill such vacancies.

5. The house of representatives shall choose their speaker and other officers and shall have the sole power of impeachment.

Section III. 1. The senate of the United States shall be composed of two senators from each state, chosen by the legislature thereof, for six years, and each senator shall have one vote.

2. Immediately after they shall be assembled in consequence of the first election they shall be divided, as equally as may be, into three classes. The seats of the senators of the first class shall be

vacated at the expiration of the second year; of the second class, at the expiration of the fourth year, and of the third class at the expiration of the sixth year, so that one-third may be chosen every second year, and if vacancies happen by resignation or otherwise, during the recess of the legislature of any state, the executive thereof may make temporary appointments until the next meeting of the legislature, which shall then fill such vacancies.

3. No person shall be a senator who shall not have attained the age of 30 years and been nine years a citizen of the United States, and who shall not, when elected, be an inhabitant of that state for which he shall be chosen.

4. The vice-president of the United States shall be president of the senate, but shall have no vote unless they be equally divided.

5. The senate shall choose their other officers and also a president pro tempore in the absence of the vice-president or when he shall exercise the office of president of the United States.

6. The senate shall have the sole power to try all impeachments. When sitting for that purpose they shall be on oath or affirmation. When the president of the United States is tried the chief justice shall preside, and no person shall be convicted without the concurrence of two-thirds of the members present.

7. Judgment, in cases of impeachment, shall not extend further than to removal from office and disqualification to hold and enjoy any office of honor, trust or profit under the United States, but the party convicted shall, nevertheless, be liable and subject to indictment, trial, judgment and punishment according to law

Section IV. 1. The times, places and manner of holding elections for senators and representatives shall be prescribed in each state by the legislature thereof, but the congress may at any time, by law, make or alter such regulations, except as to the places of choosing senators.

2. The congress shall assemble at least once in every year, and such meeting shall be on the first Monday in December, unless they shall, by law, appoint a different day.

Section V. 1. Each house shall be the judge of the elections, returns and qualifications of its own members, and a majority of each shall constitute a quorum to do business, but a smaller number may adjourn from day to day, and may be authorized to compel the attendance of absent members, in such manner and under such penalties as each house may provide.

2. Each house may determine the rules of its proceedings, punish its members for disorderly behavior, and, with the concurrence of two-thirds, expel a member.

3. Each house shall keep a journal of its proceedings, and from time to time publish the same, excepting such parts as may, in their judgment, require secrecy; and the yeas and nays of the members of either house, on any question, shall, at the desire of one-fifth of those present, be entered on the journal.

4. Neither house, during the session of congress, shall, without the consent of the other, adjourn for more than three days, nor to any other place than that in which the two houses shall be sitting.

Section VI. 1. The senators and representatives shall receive a compensation for their services, to be ascertained by law, and paid out of the treasury of the United States. They shall, in all cases, except treason, felony and breach of the peace, be privileged from arrest during their attendance at the session of their respective houses and in going to or returning from the same, and for any speech or debate in either house they shall not be questioned in any other place.

2. No senator or representative shall, during the time for which he was elected, be appointed to any civil office under the authority of the United States which shall have been created, or the emoluments whereof shall have been increased, during such time, and no person holding any office under the United States shall be a member of either house during his continuance in office.

Section VII. 1. All bills for raising a revenue shall originate in the house of representatives, but the senate may propose or concur with amendments, as on other bills.

2. Every bill which shall have passed the house of representatives and the senate shall, before it becomes a law, be presented to the president of the United States; if he approve, he shall sign it, but if not, he shall return it, with his objections, to that house in which it shall have originated, who shall enter the objections at large on their journal and proceed to reconsider it. If, after such reconsideration, two-thirds of that house shall agree to pass the bill, it shall be sent, together with the objections, to the other house, by which it shall likewise be reconsidered, and if approved by two-thirds of that house it shall become a law. But in all such cases the votes of both houses shall be determined by yeas and nays, and the names of the persons voting for and against the bill shall be entered on the journal of each house respectively. If any bill shall not be returned by the president within ten days (Sundays excepted) after it shall have been presented to him, the same shall be a law, in like manner as if he had signed it, unless the congress, by their adjournment, prevent its return, in which case it shall not be a law.

3. Every order, resolution or vote to which the concurrence of the senate and house of representatives may be necessary (except on a question of adjournment) shall be presented to the president of the United States, and before the same shall take effect shall be approved by him, or, being disapproved by him, shall be repassed by two-thirds of the senate and house of representatives, according to the rules and limitations prescribed in case of a bill.

Section VIII. The congress shall have power—

1. To lay and collect taxes, duties, imposts and excises, to pay the debts and provide for the common defense and general welfare of the United States, but all duties, imposts and excises shall be uniform throughout the United States.

2. To borrow money on the credit of the United States.

3. To regulate commerce with foreign nations and among the several states and with the Indian tribes.

4. To establish an uniform rule of naturalization and uniform laws on the subject of bankruptcies throughout the United States.

5. To coin money, regulate the value thereof and of foreign coin, and fix the standard of weights and measures.

6. To provide for the punishment of counterfeiting the securities and current coin of the United States.

7. To establish postoffices and postroads.

8. To promote the progress of science and useful arts by securing, for limited times, to authors and inventors, the exclusive right to their respective writings and discoveries.

9. To constitute tribunals inferior to the Supreme court. To define and punish piracies and felonies committed on the high seas and offenses against the law of nations.

10. To declare war, grant letters of marque and reprisal and make rules concerning captures on land and water.

11. To raise and support armies, but no appropriation of money to that use shall be for a longer term than two years.

12. To provide and maintain a navy.

13. To make rules for the government and regulation of the land and naval forces.

14. To provide for calling forth the militia to execute the laws of the union, suppress insurrections and repel invasions.

15. To provide for organizing, arming and disciplining the militia and for governing such part of them as may be employed in the service of the United States, reserving to the states respectively the appointment of the officers and the authority of training the militia according to the discipline prescribed by congress.

16. To exercise exclusive legislation in all cases whatsoever over such district (not exceeding ten miles square) as may, by cession of particular states and the acceptance of congress, become the seat of government of the United States, and to

exercise like authority over all places purchased, by the consent of the legislature of the state in which the same shall be, for the erection of forts, magazines, arsenals, dockyards and all other needful buildings; and,

17. To make all laws which shall be necessary and proper for carrying into execution the foregoing powers and all other powers vested by this constitution in the government of the United States or in any department or officer thereof.

Section IX. 1. The migration or importation of such persons as any of the states now existing shall think proper to admit shall not be prohibited by the congress prior to the year one thousand eight hundred and eight, but a tax or duty may be imposed on such importation, not exceeding $10 for each person.

2. The privilege of the writ of habeas corpus shall not be suspended, unless when, in cases of rebellion or invasion, the public safety may require it.

3. No bill of attainder or ex post facto law shall be passed.

4. No capitation or other direct tax shall be laid, unless in proportion to the census or enumeration hereinbefore directed to be taken.

5. No tax or duty shall be laid on articles exported from any state. No preference shall be given, by any regulation of commerce or revenue, to the ports of one state over those of another; nor shall vessels bound to or from one state be obliged to enter, clear or pay duties in another.

6. No money shall be drawn from the treasury but in consequence of appropriations made by law, and a regular statement and account of receipts and expenditures of all public money shall be published from time to time.

7. No title of nobility shall be granted by the United States, and no person holding any office of profit or trust under them shall, without the consent of congress, accept of any present, emolument, office or title of any kind whatever, from any king, prince or foreign state.

Section X. 1. No state shall enter into any treaty, alliance or confederation; grant letters of marque and reprisal; coin money; emit bills of credit; make anything but gold and silver coin a tender in payment of debts; pass any bill of attainder, ex post facto law, or law impairing the obligation of contracts, or grant any title of nobility.

2. No state shall, without the consent of the congress, lay any imposts or duties on imports or exports except what may be absolutely necessary for executing its inspection laws, and the net produce of all duties and imposts laid by any state on imports or exports shall be for the use of the treasury of the United States, and all such laws shall be subject to the revision and control of the congress. No state shall, without the consent of congress, lay any duty of tonnage, keep troops or ships of war in time of peace, enter into any agreement or compact with another state or with a foreign power or engage in war, unless actually invaded or in such imminent danger as will not admit of delay.

ARTICLE II.

Section I. 1. The executive power shall be vested in a president of the United States of America. He shall hold his office during the term of four years, and together with the vice-president, chosen for the same term, be elected as follows:

2. Each state shall appoint, in such manner as the legislature thereof may direct, a number of electors, equal to the whole number of senators and representatives to which the state may be entitled in the congress, but no senator or representative or person holding an office of trust or profit under the United States shall be appointed an elector.

3. The electors shall meet in their respective states and vote by ballot for two persons, of whom one at least shall not be an inhabitant of the same state with themselves. And they shall make a list of all the persons voted for and of the number of votes for each, which list they shall sign and certify and transmit sealed to the seat of government of the United States, directed to the president of the senate. The president of the senate shall, in the presence of the senate and house of representatives, open all the certificates and the votes shall then be counted. The person having the greatest number of votes shall be the president, if such number be a majority of the whole number of electors appointed, and if there be more than one who have such majority and have an equal number of votes, then the house of representatives shall immediately choose, by ballot, one of them for president; and if no person have a majority, then from the five highest on the list the said house shall, in like manner, choose the president. But in choosing the president the votes shall be taken by states, the representation from each state having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the states, and a majority of all the states shall be necessary to a choice. In every case after the choice of the president the person having the greatest number of votes of the electors shall be the vice-president. But if there should remain two or more who have equal votes the senate shall choose from them, by ballot, the vice-president. [The foregoing provisions were changed by the 12th amendment.]

4. The congress may determine the time of choosing the electors and the day on which they shall give their votes, which day shall be the same throughout the United States.

5. No person except a natural-born citizen or a citizen of the United States at the time of the adoption of this constitution shall be eligible to the office of president; neither shall any person be eligible to that office who shall not have attained to the age of 35 years and been fourteen years a resident within the United States.

6. In case of the removal of the president from office or of his death, resignation or inability to discharge the powers and duties of the said office, the same shall devolve on the vice-president; and the congress may, by law, provide for the case of removal, death, resignation or inability both of the president and vice-president, declaring what officer shall then act as president, and such officer shall act accordingly, until the disability be removed or a president shall be elected.

7. The president shall, at stated times, receive for his services a compensation, which shall neither be increased nor diminished during the period for which he shall have been elected, and he shall not receive within that period any other emolument from the United States or any of them.

8. Before he enters on the execution of his office he shall take the following oath or affirmation:

I do solemnly swear (or affirm) that I will faithfully execute the office of president of the United States, and will, to the best of my ability, preserve, protect and defend the constitution of the United States.

Section II. 1. The president shall be commander in chief of the army and navy of the United States and of the militia of the several states when called into the actual service of the United States. He may require the opinion, in writing, of the principal officer in each of the executive departments upon any subject relating to the duties of their respective offices, and he shall have the power to grant reprieves and pardons for offenses against the United States except in cases of impeachment.

2. He shall have power, by and with the advice and consent of the senate, to make treaties, provided two-thirds of the senators present concur, and he shall nominate, and, by and with the advice and consent of the senate, shall appoint ambassadors, other public ministers and consuls, judges of the Supreme court and all other officers of the United States whose appointments are not herein otherwise provided for and which shall be established by law. But the congress may, by law, vest the appointment of such inferior officers as they shall think proper in the president alone, in the courts of law or in the heads of departments.

3. The president shall have power to fill up all vacancies that may happen during the recess of the senate by granting commissions, which shall expire at the end of their next session.

Section III. He shall, from time to time, give to the congress information of the state of the union and recommend to their consideration such measures as he shall judge necessary and expedient. He may, on extraordinary occasions, convene both houses or either of them, and in case of disagreement between them, with respect to the time of adjournment, he may adjourn them to such time as he shall think proper. He shall receive ambassadors and other public ministers. He shall take care that the laws be faithfully executed, and shall commission all officers of the United States.

Section IV. The president, vice-president and all civil officers of the United States shall be removed from office on impeachment for and conviction of treason, bribery or other high crimes and misdemeanors.

ARTICLE III.

Section I. The judicial power of the United States shall be vested in one Supreme court and in such inferior courts as the congress may, from time to time, ordain and establish. The judges, both of the Supreme and inferior courts, shall hold their offices during good behavior, and shall, at stated times, receive for their services a compensation, which shall not be diminished during their continuance in office.

Section II. 1. The judicial power shall extend to all cases, in law and equity, arising under this constitution, the laws of the United States and treaties made or which shall be made, under their authority; to all cases affecting ambassadors, other public ministers and consuls; to all cases of admiralty and maritime jurisdiction; to controversies to which the United States shall be a party; to controversies between two or more states; between a state and citizens of another state; between citizens of different states; between citizens of the same state, claiming lands under grants of different states, and between a state or the citizens thereof and foreign states, citizens or subjects.

2. In all cases affecting ambassadors, other public ministers and consuls and those in which a state shall be a party the Supreme court shall have original jurisdiction. In all the other cases before mentioned the Supreme court shall have appellate jurisdiction, both as to law and fact, with such exceptions and under such regulations as the congress shall make.

3. The trial of all crimes, except in cases of impeachment, shall be by jury, and such trials shall be held in the state where the said crimes shall have been committed, but when not committed within any state the trial shall be at such place or places as the congress may by law have directed.

Section III. 1. Treason against the United States shall consist only in levying war against them or in adhering to their enemies, giving them aid and comfort. No person shall be convicted of treason unless on the testimony of two witnesses to the same overt act or on confession in open court.

2. The congress shall have power to declare the punishment of treason, but no attainder of treason shall work corruption of blood or forfeiture except during the life of the person attainted.

ARTICLE IV.

Section I. Full faith and credit shall be given in each state to the public acts, records and judicial proceedings of every other state. And the congress may, by general laws, prescribe the manner in which such acts, records and proceedings shall be proved and the effect thereof.

Section II. 1. The citizens of each state shall be entitled to all privileges and immunities of citizens in the several states.

2. A person charged in any state with treason, felony or other crime, who shall flee from justice and be found in another state, shall, on demand of the executive authority of the state from which he fled, be delivered up, to be removed to the state having jurisdiction of the crime.

3. No person held to service or labor in one state under the laws thereof, escaping into another, shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due.

Section III. 1. New states may be admitted by the congress of this union, but no new state shall be formed or erected within the jurisdiction of any other state, nor any state be formed by the junction of two or more states or parts of states, without the consent of the legislatures of the states concerned as well as of the congress.

2. The congress shall have power to dispose of and make all needful rules and regulations respecting the territory or other property belonging to the United States, and nothing in this constitution shall be so construed as to prejudice any claims of the United States or of any particular state.

Section IV. The United States shall guarantee to every state in this union a republican form of government, and shall protect each of them against invasion, and on application of the legislature or of the executive (when the legislature cannot be convened) against domestic violence.

ARTICLE V.

The congress, whenever two-thirds of both houses shall deem it necessary, shall propose amendments to this constitution, or, on the application of the legislatures of two-thirds of the several states, shall call a convention for proposing amendments, which, in either case, shall be valid to all intents and purposes as part of this constitution, when ratified by the legislatures of three-fourths of the several states or by conventions in three-fourths thereof, as the one or the other mode of ratification may be proposed by the congress; provided, that no amendment which may be made prior to the year one thousand eight hundred and eight shall in any manner affect the first and fourth clauses in the ninth section of the first article, and that no state, without its consent, shall be deprived of its equal suffrage in the senate.

ARTICLE VI.

Section I. 1. All debts contracted and engagements entered into before the adoption of this constitution shall be as valid against the United States under this constitution as under the confederation.

2. This constitution and the laws of the United States which shall be made in pursuance thereof, and all treaties made or which shall be made under authority of the United States, shall be the supreme law of the land, and the judges in every state shall be bound thereby, anything in the constitution or laws of any state to the contrary notwithstanding.

3. The senators and representatives before mentioned and the members of the several state legislatures and all executive and judicial officers, both of the United States and of the several states, shall be bound, by oath or affirmation, to support this constitution, but no religious test shall ever be required as a qualification to any office or public trust under the United States.

ARTICLE VII.

The ratification of the conventions of nine states shall be sufficient for the establishment of this constitution between the states so ratifying the same.

Done in convention, by the unanimous consent of the states present, the seventeenth day of September, in the year of our Lord one thousand seven hundred and eighty-seven, and of the independence of the United States of America the twelfth.

AMENDMENTS TO THE CONSTITUTION.

Proposed by congress and ratified by the legislatures of the several states, pursuant to article V. of the original constitution—For the first twelve, 1 stat. at large, 21. Thirteenth proposed, 13 Id., 567; proclaimed, Id., 774. Fourteenth proposed, 14 Id., 358; proclaimed, 15 Id., 706, 708. Fifteenth proposed, 15 Id., 346.

I. Congress shall make no law respecting an establishment of religion or prohibiting the free exercise thereof, or abridging the freedom of

speech or of the press, or the right of the people peaceably to assemble and to petition the government for a redress of grievances.

II. A well-regulated militia being necessary to the security of a free state, the right of the people to keep and bear arms shall not be infringed.

III. No soldier shall, in time of peace, be quartered in any house without the consent of the owner; nor in wartime but in a manner to be prescribed by law.

IV. The right of the people to be secure in their persons, houses, papers and effects against unreasonable searches and seizures shall not be violated, and no warrants shall issue but upon probable cause, supported by oath or affirmation, and particularly describing the place to be searched and the persons or things to be seized.

V. No person shall be held to answer for a capital or otherwise infamous crime unless on a presentment or indictment of a grand jury except in cases arising in the land or naval forces or in the militia, when in actual service, in time of war or public danger; nor shall any person be subject for the same offense to be twice put in jeopardy of life or limb; nor shall be compelled in any criminal case to be a witness against himself, nor be deprived of life, liberty or property without due process of law; nor shall private property be taken for public use without just compensation.

VI. In all criminal prosecutions the accused shall enjoy the right to a speedy and public trial by an impartial jury of the state and district wherein the crime shall have been committed, which district shall have been previously ascertained by law, and to be informed of the nature and cause of the accusation; to be confronted with the witnesses against him; to have compulsory process for obtaining witnesses in his favor, and to have the assistance of counsel for his defense.

VII. In suits at common law, where the value in controversy shall exceed $20, the right of trial by jury shall be preserved, and no fact tried by a jury shall be otherwise re-examined in any court of the United States than according to the rules of the common law.

VIII. Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

IX. The enumeration in the constitution of certain rights shall not be construed to deny or disparage others retained by the people.

X. The powers not delegated to the United States by the constitution nor prohibited by it to the states are preserved to the states respectively or to the people.

XI. The judicial power of the United States shall not be construed to extend to any suit in law or equity commenced or prosecuted against one of the United States by citizens of another state or by citizens or subjects of any foreign state.

XII. Section 1. The electors shall meet in their respective states and vote by ballot for president and vice-president, one of whom at least shall not be an inhabitant of the same state with themselves; they shall name in their ballots the person voted for as president, and in distinct ballots the person voted for as vice-president, and they shall make distinct lists of all persons voted for as president and of all persons voted for as vice-president, and of the number of votes for each, which list they shall sign and certify and transmit sealed to the seat of the government of the United States, directed to the president of the senate; the president of the senate shall, in the presence of the senate and house of representatives, open all the certificates and the votes shall then be counted; the person having the greatest number of votes for president shall be the president, if such number be a majority of the whole number of electors appointed, and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as president, the house of representatives shall choose immediately, by ballot, for president. But in choosing the president the votes shall be taken by states, the representation from each state having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the states, and a majority of all the states shall be necessary to a choice. And if the house of representatives shall not choose a president whenever the right of choice shall devolve upon them before the fourth day of March next following, then the vice-president shall act as president, as in the case of the death or other constitutional disability of the president.

Section 2. The person having the greatest number of votes as vice-president shall be the vice-president, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then from the two highest numbers on the list the senate shall choose a vice-president. A quorum for the purpose shall consist of two-thirds of the whole number of senators and a majority of the whole number shall be necessary to a choice.

Section 3. But no person constitutionally ineligible to the office of president shall be eligible to that of vice-president of the United States.

XIII. Section 1. Neither slavery nor involuntary servitude, except as a punishment for crime whereof the party shall have been duly convicted, shall exist within the United States or any place subject to their jurisdiction.

Section 2. Congress shall have the power to enforce this article by appropriate legislation.

XIV. Section 1. All persons born or naturalized in the United States and subject to the jurisdiction thereof are citizens of the United States and of the state wherein they reside. No state shall make or enforce any law which shall abridge the privileges or immunities of citizens of the United States, nor shall any state deprive any person of life, liberty or property without due process of law, nor deny to any person within its jurisdiction the equal protection of the laws.

Section 2. Representatives shall be apportioned among the several states according to their respective numbers, counting the whole number of persons in each state, excluding Indians not taxed. But when the right to vote at any election for the choice of electors for president and vice-president of the United States, representatives in congress, the executive and judicial officers of a state or the members of the legislature thereof is denied to any of the male inhabitants of such state, being 21 years of age and citizens of the United States, or in any way abridged, except for participation in rebellion or other crime, the basis of representation therein shall be reduced in the proportion which the number of such male citizens shall bear to the whole number of male citizens 21 years of age in such state.

Section 3. No person shall be a senator or representative in congress or elector of president and vice-president, or hold any office, civil or military, under the United States, or under any state, who, having previously taken the oath as a member of congress or as an officer of the United States, or as a member of any state legislature, or as an executive or judicial officer of any state, to support the constitution of the United States, shall have engaged in insurrection or rebellion against the same or given aid or comfort to the enemies thereof. But congress may, by a vote of two-thirds of each house, remove such disability.

Section 4. The validity of the public debt of the United States, authorized by law, including debts incurred for payment of pensions and bounties for services in suppressing insurrection or rebellion, shall not be questioned. But neither the United States nor any state shall assume or pay any debt or obligation incurred in aid of insurrection or rebellion against the United States or any claim for the loss or emancipation of any slave, but all such debts, obligations and claims shall be held illegal and void.

Section 5. The congress shall have the power to enforce by appropriate legislation the provisions of this article.

XV. Section 1. The right of citizens of the United States to vote shall not be denied or abridged by the United States or any state on account of race, color or previous condition of servitude.

Section 2. The congress shall have power to enforce this article by appropriate legislation.

THE BLIND AND THE DEAF (1900).

[Bureau of the census report, 1906.]

STATE OR TERRITORY.	THE BLIND.			THE DEAF.		
	Total.	Totally blind.	Partially blind.	Total.	Totally deaf.	Partially deaf.
Alabama	1,791	1,055	736	1,333	609	724
Arizona	69	44	25	51	25	26
Arkansas	1,587	762	825	1,317	664	653
California	1,196	697	499	1,749	591	1,158
Colorado	295	190	105	472	176	296
Connecticut	747	452	295	1,514	526	988
Delaware	142	76	66	255	79	176
District of Columbia	202	129	73	507	212	295
Florida	394	223	171	382	169	213
Georgia	2,034	1,138	896	1,817	846	971
Idaho	111	68	43	146	51	95
Illinois	3,767	1,990	1,777	6,053	2,564	3,489
Indiana	2,987	1,511	1,476	3,607	1,538	1,969
Iowa	2,014	1,017	997	2,952	1,200	1,752
Indian Territory	261	134	127	258	94	164
Kansas	1,400	704	696	2,096	925	1,171
Kentucky	2,780	1,353	1,427	2,619	1,257	1,362
Louisiana	1,071	689	382	1,211	527	684
Maine	724	386	338	1,257	456	801
Maryland	983	560	423	1,579	613	966
Massachusetts	2,217	1,260	957	4,015	1,283	2,732
Michigan	1,946	1,049	897	3,402	1,337	2,065
Minnesota	887	526	361	1,738	862	876
Mississippi	1,250	678	572	990	512	478
Missouri	3,325	1,678	1,647	3,766	1,776	1,990
Montana	99	69	30	126	70	56
Nebraska	640	361	279	1,220	522	698
Nevada	56	44	12	61	19	42
New Hampshire	417	262	155	762	211	551
New Jersey	1,004	612	392	2,285	720	1,565
New Mexico	450	310	140	303	85	218
New York	5,486	3,287	2,199	9,946	3,751	6,195
North Carolina	1,788	992	796	1,642	920	722
North Dakota	168	94	74	256	135	121
Ohio	4,466	2,452	2,014	6,080	2,431	3,649
Oklahoma	250	117	133	282	164	118
Oregon	249	150	99	410	193	217
Pennsylvania	4,441	2,569	1,872	7,547	3,103	4,444
Rhode Island	285	182	103	583	172	411
South Carolina	1,102	617	485	952	500	452
South Dakota	280	161	119	430	191	239
Tennessee	2,400	1,170	1,230	2,636	984	1,042
Texas	2,095	1,176	919	2,316	1,152	1,164
Utah	207	118	89	343	156	187
Vermont	456	247	209	723	158	565
Virginia	1,589	886	703	1,913	880	1,033
Washington	210	117	93	374	168	206
West Virginia	925	453	472	1,146	559	587
Wisconsin	1,500	817	683	2,476	1,181	1,295
Wyoming	20	13	7	29	9	20
Total	64763	35645	29118	89287	37426	51861

Of the blind in 1900 57.2 per cent were males and 42.8 per cent females; 55 per cent were totally blind and 45 per cent partially blind. The number of white blind was 56,535 and of the colored blind 8,285.

INSANE, FEEBLE-MINDED AND PAUPERS (1903-1904).

[Bureau of the census report, 1906.]

STATE OR TERRITORY.	INSANE.			Feeble-minded in institutions, 1904.	Paupers in almshouses, 1904.
	No. Dec. 31, 1903.	No. per 100,000 population.	Increase + Decrease - 1890 to 1903.		
Alabama	1,603	82.6	−14.5	.....	1,509
Arizona	224	165.5	+58.2	.....	582
Arkansas	667	4.4	−21.6	.....	1,557
California	5,717	361.3	+52.1	638	2,470
Colorado	754	128.9	+49.8	33	1,092
Connecticut	2,831	292.9	+17.4	262	4,403
Delaware	353	185.2	+50.2	.....	461
Dist. of Columbia	2,453	328.6	+143.7	.....	378
Florida	713	123.4	+33.7	.....	504
Georgia	2,839	120.7	+21.9	.....	1,758
Idaho	255	135.6	+37.2	.....	238
Illinois	9,607	185.5	+11.9	1,507	10,081
Indiana	4,358	165.5	+15.4	1,118	4,920
Iowa	4,385	186.9	+19.7	1,152	2,915
Kansas	2,460	165.6	+39.9	434	1,335
Kentucky	3,058	135.9	−10.9	244	2,691
Louisiana	1,585	107.4	+26.0	.....	224
Maine	885	125.3	−71.2	.....	1,980
Maryland	2,505	202.0	+44.1	176	3,250
Massachusetts	8,679	288.5	+15.9	995	14,322
Michigan	5,430	215.6	+37.7	657	5,066
Minnesota	4,070	213.1	+43.7	1,071	1,064
Mississippi	1,493	90.8	+ 5.2	.....	744
Missouri	5,103	156.5	+28.9	354	3,588
Montana	543	194.4	+49.1	.....	1,073
Nebraska	1,536	143.9	+55.9	386	638
Nevada	200	472.4	+72.5	.....	518
New Hampshire	496	116.9	−138.3	72	1,786
New Jersey	4,865	238.4	+19.5	527	3,525
New Mexico	113	54.2	−11.4	.....	.....
New York	26,176	339.0	+41.5	2,594	22,866
North Carolina	1,883	94.5	−12.1	.....	2,382
North Dakota	446	122.2	+ 1.2	86	347
Ohio	8,621	199.0	− 8.0	1,307	15,263
Oklahoma	413	80.5	+69.2	.....	139
Oregon	1,285	286.9	+82.9	.....	922
Pennsylvania	11,521	172.6	+11.3	2,201	18,792
Rhode Island	1,077	235.0	+ 4.9	.....	1,339
South Carolina	1,156	82.1	+ 2.9	.....	1,118
South Dakota	595	141.5	+47.2	77	309
Tennessee	1,713	81.1	−23.3	.....	3,272
Texas	3,345	100.1	+25.4	.....	1,914
Utah	344	114.5	+34.7	.....	308
Vermont	887	255.1	+ 7.5	.....	645
Virginia	3,137	162.9	+17.5	46	4,074
Washington	1,178	201.6	+24.9	124	726
West Virginia	1,475	143.3	+ 1.8	175	1,600
Wisconsin	5,023	227.9	+19.6	710	2,698
Wyoming	96	93.0	+27.1	.....	.....
Total	150,151	186.2	+16.2	16,946	163,176

INSANE IN FOREIGN COUNTRIES.

COUNTRY.	Year	Number	No. per 100,000 populati'n
England and Wales	1903	113,964	340.1
Scotland	1903	16,658	363.7
Ireland	1903	22,138	490.9
Canada	1901	12,819	238.6
France	1904	69,190	177.5
Germany	1903	108,004	191.6
Italy	1899	34,802	109.2
Austria	1901	14,895	57.0
Hungary	1902	2,716	14.1
Netherlands	1903	8,958	167.5
Switzerland	1901	7,434	224.2
Norway	1902	1,833	80.5
Sweden	1903	5,083	97.3
Denmark	1901	3,438	140.3

POPULATION OF ILLINOIS BY COUNTIES.

[From federal census reports.]

Counties.	1820.	1830.	1840.	1850.	1860.	1870.	1880.	1890.	1900.	1910.
Adams	.....	2,186	14,476	26,508	41,323	56,362	59,148	61,188	67,058	64,588
Alexander	626	1,390	3,313	2,484	4.707	10,564	14,809	16,563	19,384	22,741
Bond	2,931	3,124	5,060	6,144	9,815	13,152	14,873	14,550	16,708	17,075
Boone	.....	.....	1,705	7,624	11,678	12,942	11,527	12,203	15,791	15,481
Brown	.....	.....	4,183	7,198	9,938	12,205	13,044	11,951	11,557	10,397
Bureau	.....	.....	3,067	8,841	26,426	34,415	33,189	35,014	41,112	43,975
Calhoun	.....	1,090	1,741	3,231	5,144	6,562	7,471	7,652	8,917	8,610
Carroll	.....	.....	1,023	4,586	11,733	16,705	16,985	18,320	18,963	18,035
Cass	.....	.....	2,981	7,253	11,325	11,580	14,494	15,963	17,222	17,372
Champaign	.....	.....	1,475	2,649	14,629	32,737	40,869	42,159	47,622	51,829
Christian	.....	.....	1,878	3,203	10,492	20,363	28,232	30,531	32,790	34,594
Clark	931	3,940	7,453	9,522	14,987	18,719	21,900	21,899	24,033	23,517
Clay	.....	755	3,228	4,289	9,336	15,875	16,195	16,772	19,553	18,661
Clinton	.....	2,330	3,718	5,139	10,941	16,285	18,718	17,411	19,824	22,832
Coles	.....	.....	9,616	9,335	14,203	25,535	27,055	30,093	34,146	34,517
Cook	.....	.....	10,201	43,385	144,954	349,966	607,719	1,191,922	1,838,735	2,405,233
Crawford	.....	2,999	3,117	4,422	7,133	11,551	13,889	16,190	17,283	19,240	26,281
Cumberland	.....	.....	.....	3,718	8,311	12,223	13,762	15,443	16,124	14,281
DeKalb	.....	.....	1,697	7,540	19,086	23,265	26,774	27,066	31,756	33,457
DeWitt	.....	.....	3,247	5,002	10,820	14,768	17,014	17,011	18,927	18,906
Douglas	.....	.....	.....	.....	7,140	13,484	15,857	17,669	19,097	19,591
DuPage	.....	.....	3,535	9,290	14,701	16,685	19,187	22,551	28,196	33,432
Edgar	.....	4,071	8,225	10,692	16,925	21,450	25,504	26,787	28,273	27,336
Edwards	.....	3,444	1,649	3,070	3,524	7,454	7,565	8,600	9,444	10,345	10,490
Effingham	.....	.....	.....	1,675	3,799	7,816	15,653	18,924	19,358	20,465	20,255
Fayette	.....	.....	2,704	6,238	8,075	11,189	19,638	23,243	23,367	28,065	28,001
Ford	.....	.....	.....	.....	.....	1,979	9,103	15,105	17,035	18,259	17,096
Franklin	.....	1,763	4,083	3,682	5,681.	9,393	12,652	16,129	17,138	19,675	25,943
Fulton	.....	.....	1,841	13,142	22,508	33,338	38,291	41,249	43,110	46,201	49,549
Gallatin	.....	3,155	7,405	10,760	5,418	8,055	11,134	12,862	14,935	15,836	14,628
Greene	.....	.....	7,674	11,951	12,429	16,093	20,277	23,014	23,791	23,402	22,363
Grundy	.....	.....	.....	.....	3,023	10,379	14,928	16,738	21,024	24,136	24,162
Hamilton	.....	.....	2,616	3,945	6,362	9,915	13,014	16,712	17,800	20,197	18,227
Hancock	.....	.....	483	9,946	14,652	29,061	35,935	35,352	31,907	32,215	30,638
Hardin	.....	.....	.....	1,378	2,887	3,759	5,113	6,024	7,234	7,448	7,015
Henderson	.....	.....	.....	.....	4,612	9,501	12,582	10,755	9,876	10,836	9,724
Henry	.....	.....	41	1,260	3,809	20,660	35,506	36,609	33,338	40,049	41,736
Iroquois	.....	.....	.....	1,695	4,149	12,325	25,782	35,457	35,167	38,014	35,543
Jackson	.....	1,542	1,828	3,566	5,862	9,589	19,634	22,508	27,809	33,871	35,143
Jasper	.....	.....	.....	1,472	3,220	8,364	11,238	14,515	18,188	20,160	18,157
Jefferson	.....	691	2,555	5,762	8,109	12,865	17,864	20,686	22,590	28,133	29,111
Jersey	.....	.....	.....	4,535	7,354	12,051	15,054	15,546	14,810	14,612	13,954
Jo Daviess	.....	.....	2,111	6,180	18,604	27,325	27,820	27,534	25,101	24,533	22,057
Johnson	.....	843	1,596	3,626	4,114	9,342	11,248	13,079	15,013	15,667	14,331
Kane	.....	.....	.....	6,501	16,703	30,062	39,091	44,956	65,061	78,792	91,862
Kankakee	.....	.....	.....	.....	.....	15,412	24,352	24,961	28,732	37,154	40,752
Kendall	.....	.....	.....	.....	7,730	12,074	12,399	13,084	12,106	11,467	10,777
Knox	.....	.....	274	7,060	13,278	28,663	39,522	38,360	38,752	43,612	46,159
Lake	.....	.....	.....	7,654	14,226	18,257	21,914	21,299	24,235	34,504	55,058
LaSalle	.....	.....	.....	9,348	17,815	48,332	69,792	70,420	80,798	87,776	90,132
Lawrence	.....	.....	3,668	7,092	6,121	9,214	12,533	13,633	14,693	16,523	22,661
Lee	.....	.....	.....	2,035	5,292	17,691	27,171	27,494	26,187	29,894	27,750
Livingston	.....	.....	.....	759	1,552	11,637	31,471	38,450	38,455	42,035	40,465
Logan	.....	.....	.....	2,333	5,128	14,272	23,053	25,041	25,489	28,680	30,216
Macon	.....	.....	1,122	3,039	3,988	13,738	26,481	30,671	30,083	44,003	54,186
Macoupin	.....	.....	1,990	7,826	12,356	24,602	32,726	37,705	40,380	42,256	50,685
Madison	.....	13,550	6,221	14,433	20,441	31,351	44,131	50,141	51,535	64,694	89,847
Marion	.....	.....	2,125	4,752	6,720	12,739	20,622	23,691	24,341	30,446	35,037
Marshall	.....	.....	.....	1,849	5,180	13,437	16,596	15,036	13,653	16,370	15,679
Mason	.....	.....	.....	.....	5,021	10,931	16,184	16,244	16,067	17,491	15,679
Massac	.....	.....	.....	.....	4,092	6,213	9,581	10,443	11,314	13,110	17,377
McDonough	.....	.....	.....	5,308	7,616	20,069	26,509	27,934	27,467	28,312	26,887
McHenry	.....	.....	.....	2,578	14,918	22,089	23,762	24,914	26,114	29,759	32,509
McLean	.....	.....	.....	6,565	10,163	28,772	53,988	60,115	63,036	67,843	68,008
Menard	.....	.....	.....	4,431	6,349	9,584	11,735	13,028	13,120	14,336	12,796
Mercer	.....	.....	26	2,352	5,246	15,042	18,769	19,501	18,545	20,944	19,723
Monroe	.....	1,516	2,000	4,481	7,679	12,832	12,982	13,682	12,948	13,847	13,508
Montgomery	.....	.....	2,953	4,490	6,277	13,979	25,314	28,086	30,003	30,836	35,311
Morgan	.....	.....	12,714	19,547	16,064	22,112	28,463	31,519	32,636	35,006	34,420
Moultrie	.....	.....	.....	.....	2,234	6,385	10,385	13,705	14,481	15,224	14,630
Ogle	.....	.....	.....	3,479	10,020	22,888	27,492	29,946	28,710	29,129	27,864
Peoria	.....	.....	.....	6,153	17,547	36,601	47,540	55,419	70,378	88,608	100,255
Perry	.....	.....	1,215	3,222	5,278	9,552	13,723	16,008	17,529	19,830	22,088
Piatt	.....	.....	.....	.....	1,696	6,127	10,953	15,583	17,062	17,706	16,376
Pike	.....	.....	2,396	11,728	18,819	27,249	30,768	33,761	31,000	31,595	28,622
Pope	.....	2,610	3,216	4,094	3,975	6,742	11,437	13,256	14,017	13,585	11,215
Pulaski	.....	.....	.....	.....	2,264	3,943	8,752	9,507	11,355	14,554	15,650
Putnam	.....	.....	1,310	2,131	3,924	5,587	6,280	6,555	4,730	4,746	7,561
Randolph	.....	3,492	4,429	7,944	11,079	17,205	20,859	25,691	25,049	28,001	29,120
Richland	.....	.....	.....	.....	3,012	9,711	12,863	15,546	15,019	16,391	15,970
Rock Island	.....	.....	.....	2,610	6,938	21,005	29,783	38,314	41,917	55,249	70,404
Saline	.....	.....	.....	.....	5,588	9,331	12,714	15,940	19,342	21,686	30,204
Sangamon	.....	.....	12,960	14,716	19,228	32,274	46,352	52,902	61,195	71,593	91,029
Schuyler	.....	.....	2,959	6,972	10,573	14,684	17,419	16,249	16,013	16,129	14,852

Counties.	1820.	1830.	1840.	1850.	1860.	1870.	1880.	1890.	1900.	1910.
Scott	....	.....	6,215	7,914	9,069	10,530	10,745	10,304	10,455	10,067
Shelby	....	2,972	6,659	7,807	14,613	25,476	30,282	31,191	32,126	31,693
Stark	....	.....	1,573	3,710	9,004	10,751	11,209	9,982	10,186	10,098
St. Clair	5,248	7,078	13,631	20,180	37,694	51,068	61,850	66,571	86,685	119,870
Stephenson	....	.....	2,800	11,667	25,112	30,608	31,970	31,338	34,933	36,821
Tazewell	....	4,716	7,221	12,052	21,470	27,903	29,679	29,556	33,221	34,027
Union	2,362	3,239	5,524	7,615	11,181	17,518	18,100	21,549	22,610	21,856
Vermilion	....	5,836	9,303	11,402	19,800	30,388	41,600	49,905	65,635	77,996
Wabash	....	2,710	4,240	4,690	7,313	8,841	9,945	11,866	12,583	14,913
Warren	....	308	6,739	8,176	18,336	23,174	22,940	21,281	23,163	23,313
Washington	1,647	1,675	4,810	6,953	13,731	17,599	21,117	19,262	19,526	18,759
Wayne	1,114	2,553	5,123	6,825	12,223	10,758	21,297	23,806	27,626	25,697
White	4,828	6,091	7,919	8,925	12,403	16,846	23,089	25,005	25,386	23,052
Whiteside	....	.....	2,514	5,361	18,737	27,503	30,888	30,854	34,710	34,507
Will	....	.....	10,167	16,703	29,389	43,013	53,424	62,007	74,764	84,371
Williamson	....	.....	2,457	7,216	12,241	17,329	19,326	22,226	27,796	45,098
Winnebago	....	.....	4,609	11,773	24,491	29,301	30,518	39,938	47,845	63,153
Woodford	....	.....	.....	4,415	12,282	18,956	21,630	21,429	21,822	20,506
Aggregate	55,162	157,445	476,183	851,470	1,711,951	2,539,891	3,077,871	3,826,351	4,821,550	

NOTE—In 1800 and 1810 the territory of Illinois contained but two organized counties, Randolph and St. Clair. In 1800 the population of Randolph county was 1,103 and of St. Clair 1,255, total 2,358; in 1810 Randolph 7,275 and St. Clair 5,007, total 12,282.

FACTS ABOUT ILLINOIS COUNTIES.

Date of organization, area in square miles and origin of names.

Adams—Jan. 13, 1825—830—John Quincy Adams.
Alexander—March 4, 1819—220—Wm. M. Alexander.

Bond—Jan. 4, 1817—380—Gov. Shadrach Bond.
Boone—March 4, 1837—288—Daniel Boone.
Brown—Feb. 1, 1839—306—Gen. Jacob Brown.
Bureau—Feb. 28, 1837—846—Pierre de Buero (Indian trader).

Calhoun—Jan. 10, 1825—251—John C. Calhoun.
Carroll—Feb. 22, 1839—450—Charles Carroll of Carrollton.
Cass—March 3, 1837—460—Gen. Lewis Cass.
Champaign—Feb. 20, 1833—1,008—County in Ohio.
Christian—Feb. 15, 1839—702—County in Kentucky.
Clark—March 22, 1819—513—George Rogers Clark.
Clay—Dec. 23, 1824—466—Henry Clay.
Clinton—Dec. 27, 1824—487—DeWitt Clinton.
Coles—Dec. 25, 1830—520—Gov. Edward Coles.
Cook—Jan. 15, 1831—890—Daniel P. Cook.*
Crawford—Dec. 31, 1816—470—Wm. H. Crawford of Georgia.
Cumberland—March 2, 1843—350—Cumberland road.

DeKalb—March 4, 1837—650—Baron DeKalb.
DeWitt—March 1, 1839—440—DeWitt Clinton.
Douglas—Feb. 8, 1859—410—Stephen A. Douglas.
DuPage—Feb. 9, 1839—340—DuPage river.

Edgar—Jan. 3, 1823—640—John Edgar (merchant).
Edwards—Nov. 28, 1814—220—Gov. Ninian Edwards.
Effingham—Feb. 15, 1831—486—Gov. Edw. Effingham.
Fayette—Feb. 14, 1821—720—Marquis de Lafayette.
Ford—Feb. 17, 1859—580—Gov. Thomas Ford.
Franklin—Jan. 2, 1818—430—Benjamin Franklin.
Fulton—Jan. 28, 1823—864—Robert Fulton.
Gallatin—Sept. 14, 1812—340—Albert Gallatin.
Greene—Jan. 20, 1821—540—Gen. Nathanael Greene.
Grundy—Feb. 17, 1841—440—Felix Grundy of Tennessee.

Hamilton—Feb. 8, 1821—440—Alexander Hamilton.
Hancock—Jan. 13, 1825—780—John Hancock.
Hardin—March 2, 1839—180—County in Kentucky.
Henderson—Jan. 30, 1841—380—Henderson river.
Henry—Jan. 13, 1825—825—Patrick Henry.
Iroquois—Feb. 26, 1833—1,100—Indian name.
Jackson—Jan. 10, 1816—580—Andrew Jackson.
Jasper—Feb. 15, 1831—484—Sergt. Wm. Jasper.
Jefferson—March 26, 1819—466—Thomas Jefferson.
Jersey—Feb. 28, 1839—360—New Jersey.
Jo Daviess—Feb. 17, 1827—650—Col. Jo Daviess of Kentucky.
Johnson—Sept. 14, 1812—340—Col. Richard M. Johnson.

Kane—Jan. 16, 1836—540—Senator Elias K. Kane.
Kankakee—Feb. 11, 1853—680—Indian name.
Kendall—Feb. 19, 1841—321—Amos Kendall (postmaster-general).
Knox—Jan. 13, 1825—720—Gen. Henry Knox.
Lake—March 1, 1839—394—Lake Michigan.
LaSalle—Jan. 15, 1831—1,152—Explorer LaSalle.
Lawrence—Jan. 16, 1821—362—Com. Jas. Lawrence.
Lee—Feb. 27, 1839—728—Richard Henry Lee.
Livingston—Feb. 27, 1837—1,026—Edward Livingston.
Logan—Feb. 15, 1839—620—Dr. John Logan.†
Macon—Jan. 19, 1829—580—Nathaniel Macon of North Carolina.
Macoupin—Jan. 17, 1829—864—Indian name.
Madison—Sept. 14, 1812—740—James Madison.
Marion—Jan. 24, 1823—576—Gen. Francis Marion.
Marshall—Jan. 19, 1839—350—John Marshall.
Mason—Jan. 20, 1841—518—County in Kentucky.
Massac—Feb. 8, 1843—240—Fort Massac.
McDonough—Jan. 25, 1826—576—Gen. Thomas McDonough.
McHenry—Jan. 16, 1836—612—Gen. Wm. McHenry.
McLean—Dec. 25, 1830—1,161—John McLean (congressman).
Menard—Feb. 15, 1839—311—Lieut.-Gov. Pierre Menard.
Mercer—Jan. 13, 1825—550—Gen. Hugh Mercer.
Monroe—Jan. 6, 1816—380—James Monroe.
Montgomery—Feb. 12, 1821—740—Gen. R. Montgomery.
Morgan—Jan. 31, 1823—563—Gen. Daniel Morgan.
Moultrie—Feb. 16, 1843—340—Gen. Wm. Moultrie.

Ogle—Jan. 16, 1836—773—Lieut. Joseph Ogle.

Peoria—Jan. 13, 1825—630—Indian name.
Perry—Jan. 29, 1827—432—Com. Oliver H. Perry.
Piatt—Jan. 27, 1841—440—Benj. Piatt (atty.-gen.).
Pike—Jan. 31, 1821—756—Zebulon M. Pike
Pope—Jan. 19, 1816—360—Nathaniel Pope.
Pulaski—March 3, 1843—190—Count Casimir Pulaski.
Putnam—Jan. 13, 1825—170—Gen. Israel Putnam.

Randolph—Oct. 5, 1795—560—Edmund Randolph.
Richland—Feb. 24, 1841—380—County in Ohio.
Rock Island—Feb. 9, 1839—420—Island same name.

Saline—Feb. 25, 1847—396—Saline creek.
Sangamon—Jan. 30, 1821—875—Indian name.
Schuyler—Jan. 13, 1825—414—Gen. Philip Schuyler.
Scott—Feb. 16, 1839—252—County in Kentucky
Shelby—Jan. 23, 1827—760—Gov. Isaac Shelby.
Stark—May 2, 1839—290—Gen. John Stark.
St. Clair—April 27, 1790—Gen. Arthur St. Clair.
Stephenson—March 4, 1837—573—Col. Benjamin Stephenson.

Tazewell—Jan. 31, 1827—650—Gov. L. W. Tazewell.

Union—Jan. 2, 1818—400—Union of states.
Vermilion—Jan. 18, 1826—882—Vermilion river.

Wabash—Dec. 27, 1824—220—Indian name.
Warren—Jan. 13, 1825—540—Gen. Joseph Warren.
Washington—Jan. 2, 1818—557—George Washington.
Wayne—March 26, 1819—720—Gen. Anthony Wayne.
White—Dec. 9, 1815—500—Capt. Leonard White.
Whiteside—Jan. 16, 1836—676—Col. Sam Whiteside.
Will—Jan. 12, 1836—850—Conrad Will.‡
Williamson—Feb. 28, 1839—440—County in Tennessee.
Winnebago—Jan. 16, 1836—540—Indian name.
Woodford—Feb. 27, 1841—556—County in Kentucky.

*Lawyer and first attorney-general of Illinois.
†Father of Gen. John A. Logan. ‡Member of constitutional convention of 1818.

MEMBERS OF THE 47TH GENERAL ASSEMBLY OF ILLINOIS (1910-1911).

Senators and representatives are paid $1,000 each per year. Senators are elected for four years and representatives for two.

SENATE.

Republicans, 35; democrats, 16.

Dist.		Residence.
1.	Francis P. Brady, Rep.	Chicago
2.	Lewis C. Ball, Rep.	Chicago
3.	Samuel A. Ettelson, Rep.	Chicago
4.	Al F. Gorman, Dem.	Chicago
5.	Walter Clyde Jones, Rep.	Chicago
6.	William M. Brown, Rep.	Chicago
7.	William H. Maclean, Rep.	Wilmette
8.	Albert J. Olson, Rep.	Woodstock
9.	Patrick J. Carroll, Dem.	Chicago
10.	Henry Andrus, Rep.	Rockford
11.	Carl Lundberg, Rep.	Chicago
12.	John C. McKenzie, Rep.	Elizabeth
13.	Albert C. Clark, Rep.	Chicago
14.	Thomas B. Stewart, Rep.	Aurora
15.	Edward J. Forst, Dem.	Chicago
16.	Ira M. Lish, Rep.	Saunemin
17.	Edward J. Glackin, Dem.	Chicago
18.	John Dailey, Rep.	Peoria
19.	John T. Denvir, Dem.	Chicago
20.	Edward C. Curtis, Rep.	Grant Park
21.	John E. Madigan, Dem.	Chicago
22.	Martin B. Bailey, Rep.	Danville
23.	Niels Juul, Rep.	Chicago
24.	Henry M. Dunlap, Rep.	Savoy
25.	Johann Waage, Dem.	Chicago
26.	Frank H. Funk, Rep.	Bloomington
27.	John Broderick, Dem.	Chicago
28.	James A. Henson, Rep.	Decatur
29.	John M. O'Connor, Dem.	Chicago
30.	Walter I. Manny, Dem.	Mount Sterling
31.	Willett H. Cornwell, Rep.	Chicago
32.	James F. Gibson, Dem.	Carthage
33.	Frank A. Landee, Rep.	Moline
34.	Stanton C. Pemberton, Rep.	Oakland
35.	John H. Gray, Rep.	Morrison
36.	Campbell S. Hearn, Dem.	Quincy
37.	H. S. Magill, Jr., Rep.	Princeton
38.	Frank W. Burton, Rep.	Carlinville
39.	Henry W. Johnson, Rep.	Ottawa
40.	F. Jeff Tossey, Dem.	Toledo
41.	Richard J. Barr, Rep.	Joliet
42.	D. W. Holstlaw, Dem.	Iuka
43.	Charles F. Hurburgh, Rep.	Galesburg
44.	Robert J. McElvain, Rep.	Murphysboro
45.	Logan Hay, Rep.	Springfield
46.	Albert E. Isley, Dem.	Newton
47.	Edmund Beall, Rep.	Alton
48.	J. A. Womac, Dem.	Karbers Ridge
49.	John M. Chamberlain, Jr., Rep.	East St. Louis
50.	W. O. Potter, Rep.	Marion
51.	Douglas W. Helm, Rep.	Metropolis

HOUSE OF REPRESENTATIVES.

Republicans, 82; democrats, 68; independents, 2; prohibitionist, 1.

Dist.		Residence.
1.	Noble B. Judah, Rep.	Chicago
	Edward D. Green, Rep.	Chicago
	John Griffin, Dem.	Chicago
2.	Roger J. Marcy, Rep.	Chicago
	Frank J. McNichols, Rep.	Chicago
	George L. McConnell, Dem.	Chicago
3.	William Ostrom, Rep.	Chicago
	John P. Walsh, Dem.	Chicago
	Patrick J. Wall, Dem.	Chicago
4.	John Hrubec, Rep.	Chicago
	George C. Hilton, Dem.	Chicago
	Hubert Kilens, Dem.	Chicago
5.	Morton D. Hull, Rep.	Chicago
	William Tudor ApMadoc, Rep.	Chicago
	Hiram T. Gilbert, Dem.	Chicago
6.	Richard P. Hagan, Rep.	Chicago
	W. F. Anderson, Rep.	Chicago
	Robert E. Wilson, Dem.	Chicago
7.	Louis J. Pierson, Rep.	Wilmette
	Frederick B. Roos, Rep.	Forest Park
	J. J. O'Rourke, Dem.	Harvey
8.	Edward D. Shurtleff, Rep.	Marengo
	James H. Vickers, Rep.	Harvard
	Joseph E. Anderson, Pro.	Lake Forest
9.	David E. Shanahan, Rep.	Chicago
	Edward J. Murphy, Dem.	Chicago
	Rudolph Stoklasa, Dem.	Chicago
10.	John A. Atwood, Rep.	Stillman Valley
	Alexander Collier, Rep.	Rockford
	John Coleman, Dem.	Rochelle
11.	Chester W. Church, Rep.	Chicago
	James J. O'Toole, Dem.	Chicago
	Frank J. Ryan, Dem.	Chicago
12.	W. T. Rawleigh, Rep.	Freeport
	Martin J. Dillon, Dem.	Galena
	R. R. Thompson, Dem.	Kent
13.	Benton F. Kleeman, Rep.	Chicago
	John A. Swanson, Rep.	Chicago
	Timothy Dunne, Dem.	Chicago
14.	Frank W. Shepherd, Rep.	Elgin
	Frank R. Reid, Rep.	Aurora
	George W. Alschuler, Dem.	Aurora
15.	Thomas Curran, Rep.	Chicago
	John O. Hruby, Jr., Dem.	Chicago
	Peter F. Smith, Dem.	Chicago
16.	Joslah Kerrick, Rep.	Minonk
	H. T. Ireland, Rep.	Washburn
	Michael Fahy, Dem.	Toluca
17.	Edward J. Smejkal, Rep.	Chicago
	Tony Trimarco, Dem.	Chicago
	Peter F. Galligan, Dem.	Chicago
18.	Lucas I. Butts, Rep.	Peoria
	Ira J. Covey, Rep.	Peoria
	Thomas N. Gorman, Dem.	Peoria
19.	Joseph C. Blaha, Rep.	Chicago
	John J. McLaughlin, Dem.	Chicago
	Frank G. Smith, Ind. Cit.	Chicago
20.	Israel Dudgeon, Rep.	Morris
	George H. Hamilton, Rep.	Watseka
	Frank M. Crangle, Dem.	Watseka
21.	Frederick E. Erickson, Rep.	Chicago
	Charles J. Ryberg, Rep.	Chicago
	Benjamin M. Mitchell, Dem.	Chicago
22.	William P. Holaday, Rep.	Georgetown
	Isaac N. Cooley, Rep.	Paris
	Andrew B. Dennis, Dem.	Danville
23.	George A. Miller, Rep.	Oak Park
	Joseph P. Kinsella, Rep.	Chicago
	Joseph Strauss, Dem.	Chicago
24.	Charles Adkins, Rep.	Bement
	Joseph Carter, Rep.	Champaign
	W. E. Stedman, Dem.	Sullivan
25.	Lewis Hutzler, Rep.	Chicago
	Charles McPharland, Dem.	Chicago
	Frank C. Burke, Dem.	Chicago
26.	W. H. Wright, Rep.	McLean
	John A. Montelius, Rep.	Piper City
	D. D. Donahue, Dem.	Bloomington
27.	Robert J. Collins, Dem.	Chicago
	Daniel J. Sullivan, Dem.	Chicago
	Joseph Pitlock, Dem.	Chicago
28.	Edwin C. Perkins, Rep.	Lincoln
	Thomas N. Leavitt, Rep.	Maroa
	Cyrus J. Tucker, Dem.	Warrensburg
29.	James F. Burns, Rep.	Chicago
	Bernard J. Conlon, Dem.	Chicago
	Patrick J. Sullivan, Dem.	Chicago
30.	Homer J. Tice, Rep.	Greenview
	A. M. Foster, Dem.	Rushville
	William M. Groves, Dem.	Petersburg
31.	Harry L. Shaver, Rep.	Chicago
	Franklin S. Catlin, Rep.	Chicago
	John C. Werdell, Dem.	Chicago
32.	Henry Terrill, Rep.	Colchester
	I. M. Martin, Rep.	LaHarpe
	John Huston, Dem.	Blandinsville
33.	Thomas Campbell, Rep.	Moline
	Frank E. Abbey, Rep.	Biggsville
	Henry L. Wheelan, Dem.	Rock Island
34.	D. B. Miller, Rep.	Casey
	William T. Hollenbeck, Rep.	Marshall
	Edward F. Poorman, Dem.	Mattoon
35.	Albert T. Tourtillott, Rep.	Dixon
	Alfred Abbott, Rep.	Morrison
	Burr B. Smiley, Ind.	DeKalb
36.	George H. Wilson, Rep.	Quincy
	William H. Hoffman, Dem.	Quincy
	Charles E. Bolin, Dem.	Milton
37.	Clayton C. Pervier, Rep.	Sheffield
	John Robert Moore, Rep.	Weathersfield
	William J. McGuire, Dem.	Kewanee

38. S. Elmer Simpson, Rep.....Carrollton
Louis P. Daley, Dem.....Carlinville
Stephen D. Canaday, Dem.....Hillsboro
39. William R. Lewis, Rep.....Grand Ridge
William M. Scanlan, Rep.....Peru
Lee O'Neil Browne, Dem.....Ottawa
40. Walter M. Provine, Rep.....Taylorville
John C. Richardson, Dem.....Edinburg
William H. Hart, Dem.....Morrisonville
41. James H. Alexander, Rep.....Lockport
Richard Prendergast, Rep.....Joliet
Bernard L. Kelly, Dem.....Joliet
42. Robert S. Jones, Rep.....Iola
Fred J. Koch, Dem.....New Baden
Walter E. Rinehart, Dem.....Effingham
43. B. M. Chiperfield, Rep.....Canton
Edward J. King, Rep.....Galesburg
M. P. Rice, Dem.....Lewistown
44. Dempsey Winthrop, Rep.....Pinckneyville
William Stevenson, Rep.....Tilden
James M. Etherton, Dem.....Carbondale
45. Thomas E. Lyon, Rep.....Springfield
James F. Morris, Dem.....Springfield
James M. Bell, Dem.....Springfield
46. George B. Welborne, Rep.....Woodlawn
John M. Rapp, Dem.....Fairfield
W. Duff Piercy, Dem.....Mount Vernon
47. Norman G. Flagg, Rep.....Moro
J. G. Bardill, Rep.....Highland
William Dickman, Dem.....Edwardsville
48. James A. Watson, Rep.....Elizabethtown
Charles L. Scott, Dem.....Grayville
William E. Finley, Dem.....Bridgeport
49. John L. Flannigan, Rep.....East St. Louis
Alonzo A. Miller, Rep.....Belleville
Charles H. Karch, Dem.....Belleville
50. Hall Whiteaker, Rep.....Mound City
R. D. Kirkpatrick, Rep.....Benton
Robert P. Hill, Dem.....Marion
51. Elwood Barker, Rep.....McLeansboro
John P. Mathis, Rep.....Vienna
George W. English, Dem.....Vienna

VOTE ON ILLINOIS LEGISLATURE NOV. 8, 1910.

Those elected are designated by an asterisk*.

STATE SENATORS.

Dist.	47th and 48th general assemblies.	
1.	Francis P. Brady,* Rep.	7,312
	Edward D. Cooke, Dem.	5,558
	Stephen F. Welbasky, Pro.	134
	Robert Kurth, Soc.	497
3.	Samuel A. Ettelson,* Rep.	8,317
	James M. Burke, Dem.	7,328
	George W. Doolittle, Pro.	145
	Owen Brown, Soc.	686
5.	Walter Clyde Jones,* Rep.	12,039
	Percival F. Fullmer, Dem.	7,564
	William H. McWhorter, Pro.	227
	Robert Waddell, Soc.	758
7.	William H. Maclean,* Rep.	10,254
	Walter M. Fishback, Dem.	5,892
	J. T. Ford, Pro.	374
	Louis P. Buckley, Ind.	1,287
9.	Andrew Powers, Rep.	3,469
	Patrick J. Carroll,* Dem.	9,999
	Elias S. Lloyd, Pro.	167
	Charles Toepper, Soc.	1,527
11.	Carl Lundberg,* Rep.	10,372
	Patrick J. Devlin, Dem.	10,316
	Harold Rountree, Pro.	531
	John D. Dobelman, Soc.	2,123
13.	Albert C. Clark,* Rep.	9,358
	James Kirby, Dem.	8,649
	Perry Kim, Pro.	458
	Nels Anderson, Soc.	2,069
	Frank G. Paulson, Ind. Rep.	1,537
15.	James J. Cullen, Rep.	2,868
	Edward J. Forst,* Dem.	5,517
	Joseph Thomas, Soc.	755
17.	Fred C. Shaw, Rep.	1,359
	Edward J. Glackin,* Dem.	4,767
	H. W. Tischer, Soc.	594
19.	Will C. Moody, Rep.	9,358
	John T. Denvir,* Dem.	15,169
	George W. Post, Pro.	446
	Walter Huggins, Soc.	1,946
21.	William H. Dellenback, Rep.	7,146
	John E. Madigan,* Dem.	7,257
	Albert H. Humphrey, Pro.	289
	James W. Johnston, Soc.	1,393
23.	Niels Juul,* Rep.	7,769
	Bernard J. Mahoney, Dem.	7,245
	John T. Hammersmarck, Soc.	2,461
25.	Herman H. Breidt, Rep.	10,277
	Johann Waage,* Dem.	11,347
	John E. Larson, Pro.	681
	Joseph M. Mason, Soc.	4,182
27.	T. B. Scouten, Rep.	3,349
	John Broderick,* Dem.	8,017
	Charles H. Mortimer, Pro.	95
	Edward Harris, Soc.	786
29.	Samuel E. Erickson, Rep.	3,666
	John M. O'Connor,* Dem.	5,618
	A. H. Simpson, Pro.	149
	William Acker, Soc.	813
31.	Willett H. Cornwell,* Rep.	12,901
	Simon P. Walsh, Dem.	10,154
	John H. Hill, Pro.	398
	Charles G. Kuhn, Soc.	2,074
33.	Frank A. Landee,* Rep.	8,816
	Peter Ringdall, Dem.	4,045
	Robert G. Somers, Pro.	335
	Louis F. Haemer, Soc.	1,443
35.	John H. Gray,* Rep.	8,934
	Bradford Brinton, Dem.	3,792
	Alexander C. Senska, Pro.	472
	N. H. Jensen, Soc.	337
37.	H. S. Magill, Jr.,* Rep.	8,885
	David W. Davis, Dem.	4,201
	O. L. Dayton, Pro.	316
	Patrick Carr, Soc.	825
39.	Henry W. Johnson,* Rep.	8,467
	George A. Glass, Dem.	5,590
	Ralph L. Wylie, Pro.	243
	Ira H. Carpenter, Soc.	710
41.	Richard J. Barr,* Rep.	10,390
	Andrew S. Phelps, Dem.	5,845
	John S. Stamm, Pro.	521
	Frank S. Lasser, Soc.	362
43.	Charles F. Hurburgh,* Rep.	8,333
	L. F. Brown, Dem.	5,348
	Charles W. Williams, Pro.	370
	D. M. Baylor, Soc.	828
45.	Logan Hay,* Rep.	12,234
	Elmer A. Perry, Dem.	10,985
	Henry M. Hart, Pro.	368
	Frank S. O'Neill, Soc.	824
47.	Edmund Beall,* Rep.	8,553
	Charles W. Terry, Dem.	7,146
	Rumsey O. Young, Pro.	488
	Hugh Watson, Soc.	1,284
49.	John M. Chamberlain, Jr.,* Rep.	10,322
	Fred J. Kern, Dem.	8,825
	John Wachter, Soc.	2,480
51.	Douglas W. Helm,* Rep.	8,211
	Warner D. Crouch, Dem.	5,994
	E. C. Stark, Pro.	267
	C. B. Titus, Soc.	443

REPRESENTATIVES.

Dist.	47th general assembly.	
1.	Noble B. Judah, Jr.,* Rep.	9,018
	Edward D. Green,* Rep.	8,044
	John Griffin,* Dem.	16,929
	George Derr Koontz, Pro.	264
2.	Roger J. Marcy,* Rep.	7,396
	Frank J. McNichols,* Rep.	8,087
	George L. McConnell,* Dem.	16,328
	Nellis Johnson, Pro.	996
	H. A. Miller, Soc.	3,428½
3.	William Ostrom,* Rep.	11,308½
	E. G. Filsenthal, Rep.	9,637½
	John P. Walsh,* Dem.	10,938½
	Patrick J. Wall,* Dem.	10,743½
	Harold A. Deadman, Pro.	193
	Charles J. Nyman, Pro.	212
	Isaac Peterson, Soc.	1,732½
4.	Thomas A. Boyer, Rep.	7,727
	John Hrubec,* Rep.	7,739
	George C. Hilton,* Dem.	13,025½
	Hubert Kilens,* Dem.	14,342
	Joseph A. Ambroz, Soc.	3,596½

5. Morton Dennison Hull,* Rep.....17,541½
William Tudor ApMadoc,* Rep.....16,087½
Hiram T. Gilbert,* Dem.....20,590½
P. G. Soderberg, Soc.....1,943
6. Richard P. Hagan,* Rep.....17,829
W. E. Anderson,* Rep.....14,014
Robert E. Wilson,* Dem.....30,021
Dudley Grant Hays, Pro.....10,961½
Louis W. Hardy, Soc.....7,705½
7. Louis J. Pierson,* Rep.....14,984
Frederick B. Roos,* Rep.....13,766½
J. J. O'Rourke,* Dem.....16,428½
C. George Flager, Pro.....1,082
James A. Prout, Soc.....3,722
8. Edward D. Shurtleff,* Rep.....9,626½
James H. Vickers,* Rep.....9,350
Thomas F. Burns, Dem.....6,788½
Joseph E. Anderson,* Pro.....6,850½
Frederick Mains, Soc.....1,478
Henry B. Eger, Ind. Rep.....2,254
A. K. Stearns, Ind. Rep.....4,039
9. David E. Shanahan,* Rep.....10,233½
Edward J. Murphy,* Dem.....13,256½
Rudolph Stoklasa,* Dem.....15,839½
Stewart McDonald, Pro.....376½
William Cherney, Soc.....3,192½
10. John A. Atwood,* Rep.....8,879½
Alexander Collier,* Rep.....7,646½
John Coleman,* Dem.....7,086
Wiley S. Johnson, Pro.....618
R. H. Youngburg, Soc.....2,926
William O. Duffey, Ind.....6,908½
11. Henry D. Fulton, Rep.....15,575
Chester W. Church,* Rep.....16,039
James J. O'Toole,* Dem.....16,285
Frank J. Ryan,* Dem.....16,028
Eric A. Erickson, Pro.....1,221½
Paul C. Lorenz, Soc.....4,683
12. W. W. Gillespie, Rep.....10,319
W. T. Rawleigh,* Rep.....11,817½
Martin J. Dillon,* Dem.....11,840½
R. R. Thompson,* Dem.....12,076
Theodore F. Ellis, Pro.....627
W. H. McCall, Soc.....549½
13. Benton F. Kleeman,* Rep.....14,248½
John A. Swanson,* Rep.....15,383
James J. Mulcahey, Dem.....13,277
Timothy Dunne,* Dem.....14,054
George A. Cressey, Pro.....1,720
Bernard Berlyn, Soc.....2,069
14. Frank W. Shepherd,* Rep.....11,927½
Frank R. Reid,* Rep.....9,760½
George W. Alschuler,* Dem.....9,158½
Theodore F. Klees, Soc.....1,728½
A. F. Ellsworth, Pro.....2,254½
15. Thomas Curran,* Rep.....5,916
John O. Hruby, Jr.,* Dem.....8,599
Peter F. Smith,* Dem.....9,058½
Henry Winnen, Soc.....2,451½
16. Josiah Kerrick,* Rep.....12,600
H. T. Ireland,* Rep.....11,571½
Michael Fahy,* Dem.....12,145½
L. C. Gish, Dem.....11,340½
Marion Gallup, Pro.....1,456½
Peter Giacherio, Soc.....226
17. Edward J. Smejkal,* Rep.....14,821
Tony Trimarco,* Dem.....6,287
Peter F. Galligan,* Dem.....6,489½
A. Dubin, Soc.....1,631
18. Lucas I. Butts,* Rep.....9,559½
Ira J. Covey,* Rep.....9,925
Thomas N. Gorman,* Dem.....14,278
Daniel R. Sheen, Pro.....9,482
George F. Schmidt, Soc.....1,774
19. Charles A. Schumacher, Rep.....12,585
Joseph C. Blaha,* Rep.....14,463
John J. McLaughlin,* Dem.....33,788½
James Damarell, Pro.....497
W. G. Zoller, Soc.....4,615½
Frank G. Smith,* Ind. Cit.....16,715½
20. Israel Dudgeon,* Rep.....14,827½
George H. Hamilton,* Rep.....13,732
Frank M. Crangle,* Dem.....13,550
Philip A. St. John, Pro.....2,289½
L. E. Miller, Soc.....764½
21. Frederick E. Erickson,* Rep.....10,333½
Charles J. Ryberg,* Rep.....10,189
Benjamin M. Mitchell,* Dem.....16,288
John Nelson, Pro.....614
H. W. Harris, Soc.....3,556½
Christopher J. McGurn, Ind.....9,350
22. William P. Holaday,* Rep.....16,113½
Isaac N. Cooley,* Rep.....15,054½
Andrew B. Dennis,* Dem.....20,568½
Clay F. Gaumer, Pro.....3,681½
Peter N. Christenson, Soc.....2,224
23. George A. Miller,* Rep.....12,789
Joseph P. Kinsella,* Rep.....10,127
Joseph Strauss,* Dem.....19,304
G. Miller, Pro.....506
G. W. Hoover, Pro.....507
J. P. White, Pro.....327½
C. M. Madsen, Soc.....7,032½
24. Charles Adkins,* Rep.....12,037
Joseph Carter,* Rep.....11,546
W. E. Stedman,* Dem.....15,979½
L. B. Pickerell, Pro.....946½
C. H. Ferrel, Soc.....351½
25. Charles L. Fieldstack, Rep.....14,527
Lewis Hutzler,* Rep.....14,575½
Charles McPharland,* Dem.....15,507
Frank C. Burke,* Dem.....17,401
Andrew O. Silversen, Pro.....3,364½
Carl Strover, Soc.....12,389½
26. W. H. Wright,* Rep.....12,195
John A. Montellus,* Rep.....11,954
D. D. Donahue,* Dem.....13,188
F. L. Garst, Pro.....1,821½
James M. Bennington, Soc.....645½
27. Leland Berz, Rep.....5,630
Albert Rostenkowski, Rep.....6,323
Robert J. Collins,* Dem.....7,894½
Daniel J. Sullivan,* Dem.....8,598
Joseph Pitlock,* Dem.....9,400
Edward Horth, Pro.....206
Emil A. Hannenberg, Soc.....1,464½
28. Edwin C. Perkins,* Rep.....14,541½
Thomas N. Leavitt,* Rep.....14,178½
Edward F. L. Rautenberg, Dem.....13,220
Cyrus J. Tucker,* Dem.....15,162½
James S. Stevenson, Pro.....665
J. E. Deverell, Soc.....542
29. Charles A. Nelson, Rep.....5,754½
James F. Burns,* Rep.....6,593
Bernard J. Conlon,* Dem.....8,367
Patrick J. Sullivan,* Dem.....7,035½
C. M. Nance, Pro.....393
T. J. Coveney, Soc.....1,862½
30. Homer J. Tice,* Rep.....23,871½
A. M. Foster,* Dem.....16,511
William M. Groves,* Dem.....17 158
George W. Warner, Pro.....1,547
John T. Samuel, Soc.....304½
31. Harry L. Shaver,* Rep.....19,172½
Franklin S. Catlin,* Rep.....18,543
Leland P. Smith, Dem.....14,908½
John C. Werdell,* Dem.....15,630
Bartow A. Ulrich, Pro.....840½
William Behrens, Soc.....4,618½
32. Henry Terrill,* Rep.....12,679
I. M. Martin,* Rep.....12,311
John Huston,* Dem.....14,611
George A. Falder, Dem.....11,663
William F. Aleshire, Pro.....1,068½
J. Benjamin Edens, Soc.....620½
33. Thomas Campbell,* Rep.....12,739
Frank E. Abbey,* Rep.....12,269½
Henry L. Wheelan,* Dem.....11,299½
Clyde E. Duke, Pro.....869½
Charles Block, Soc.....3,885
Louis O. Jahns, Ind.....3,305½
Allen H. Mertz, Ind.....174½
34. D. B. Miller,* Rep.....11,632½
William T. Hollenback,* Rep.....11,003
Edward F. Poorman,* Dem.....11,705
Polk B. Briscoe, Dem.....10,936
Lewis M. Mullikin, Pro.....256½
W. H. Emery, Pro.....349
Oscar Giese, Soc.....318
35. Albert T. Tourtillott,* Rep.....12,179½
Alfred N. Abbott,* Rep.....10,342½
W. A. Kannally, Dem.....9,583
George H. Sieben, Pro.....672½
J. N. B. Stackpole, Soc.....626½
Burr B. Smiley,* Ind.....10,136½
36. George H. Wilson,* Rep.....21,137½
William H. Hoffman,* Dem.....16,336½
Charles E. Bolin,* Dem.....14,948
Lucien Cover, Pro.....1,366½
James I. Housewert, Soc.....2,165

37. Clayton C. Pervier,* Rep. 11,896½
John Robert Moore,* Rep. 9,630½
William J. McGuire,* Dem. 10,643
Frank A. Castle, Soc. 2,021
Randolph Boyd, Ind. 9,223

38. S. Elmer Simpson,* Rep. 21,546
Louis Daley,* Dem. 16,905
Stephen D. Canaday,* Dem. 17,274
Robert H. Fullerton, Pro. 1,647
J. J. Keon, Soc. 1,897

39. William R. Lewis,* Rep. 10,687
William M. Scanlan,* Rep. 12,727½
Lee O'Neil Browne,* Dem. 14,083½
James J. Doyle, Dem. 9,879
Duncan McDonald, Soc. 2,716

40. Walter M. Provine,* Rep. 17,767½
Del D. Brownback, Rep. 11,849½
John C. Richardson,* Dem. 15,501
William H. Hart,* Dem. 15,760
William A. Fuson, Pro. 1,175½
James Haynes, Soc. 649½

41. James A. Alexander,* Rep. 13,833½
Richard Prendergast,* Rep. 13,207½
Thomas H. Riley, Dem. 8,241½
Bernard L. Kelly,* Dem. 9,450½
Frank E. Herrick, Pro. 1,756
Conrad A. Lapp, Soc. 884
James O. Monroe, Ind. 1,876½
Joseph F. Byrne, Union Labor. 5,281

42. J. C. Eisenmayer, Rep. 10,960½
Robert S. Jones,* Rep. 12,419
Fred J. Koch,* Dem. 12,065
Walter E. Rinehart,* Dem. 11,060½
James S. Rosborough, Pro. 2,719
Frank Welcher, Soc. 2,172

43. Burnett M. Chiperfield,* Rep. 13,350½
Edward J. King,* Rep. 12,404½
J. H. DeWolf, Dem. 7,605½
M. P. Rice,* Dem. 10,679½
William M. Horton, Pro. 657
James Lord, Soc. 1,870½

44. Dempsey Winthrop,* Rep. 16,655½
William Stevenson,* Rep. 16,050
James M. Etherton,* Dem. 16,527½
John L. Cox, Dem. 14,620½
William Quigley, Pro. 806½
Edward Brown, Soc. 1,992½

45. Harry W. Wilson, Rep. 16,469½
Thomas E. Lyon,* Rep. 18,260
James F. Morris,* Dem. 19,466½
James M. Bell,* Dem. 17,061
Ralph W. Signaigo, Soc. 2,151½

46. George B. Welborne,* Rep. 12,738½
B. E. Garrison, Rep. 12,348½
John M. Rapp,* Dem. 12,729½
W. Duff Piercy,* Dem. 12,535½
Caswell S. Prather, Pro. 935½

47. Norman G. Flagg,* Rep. 12,915
J. G. Bardill,* Rep. 12,648
William B. Thomas, Dem. 10,328
William Dickman,* Dem. 10,464½
Elijah N. Groce, Pro. 930½
Frank J. Hayes, Soc. 4,785

48. James A. Watson,* Rep. 16,234½
D. E. Rose Rep. 15,056½
Charles L. Scott,* Dem. 16,845½
William E. Finley,* Dem. 16,488
J. W. Kilborn, Pro. 1,499

49. John L. Flannigan,* Rep. 14,503
Alonzo A. Miller,* Rep. 15,254½
James H. Donahue, Dem. 11,839
Charles H. Karch,* Dem. 12,175
Edwin W. Walker, Pro. 566
Adolph F. Germer, Soc. 8,810½

50. Hall Whiteaker,* Rep. 14,217½
R. D. Kirkpatrick,* Rep. 14,955½
Robert P. Hill,* Dem. 15,501
Fred M. Pool, Dem. 13,021½
John B. B. Broadway, Pro. 669½
Groce Lawrence, Soc. 4,317½

51. Elwood Barker,* Rep. 11,710½
John P. Mathis,* Rep. 11,277½
George W. English,* Dem. 15,085½
C. W. Henderson, Pro. 834
C. A. Sullivan, Soc. 1,498½

CARNEGIE PEACE FUND.

Dec. 14, 1910, Andrew Carnegie transferred to a board of trustees $10,000,000 in 5 per cent first-mortgage bonds, the revenue of which will be used to "hasten the abolition of international war" and to establish lasting world peace. The formal transfer was made at a meeting in the rooms of the Carnegie Research foundation. The trustees organized by choosing as president United States Senator Elihu Root, permanent representative of the United States at The Hague tribunal. President Taft consented to be honorary president of the foundation.

The method by which the annual income of half a million dollars shall be expended is left by Mr. Carnegie entirely to the trustees. The foundation is to be perpetual, and when the establishment of universal peace is attained the donor provides that the revenue shall be devoted to the banishment of the "next most degrading evil or evils," the suppression of which would "most advance the progress, elevation and happiness of men."

Trustees of the fund are: United States Senator Elihu Root, former secretary of state and former secretary of war.

Dr. Nicholas Murray Butler, New York, president of Columbia university.

Dr. Henry S. Pritchett, president of the Carnegie Foundation for the Advancement of Teaching.

Joseph H. Choate, lawyer, former ambassador to Great Britain.

Albert K. Smiley, Lake Mohonk, educator and humanitarian.

Dr. Charles W. Eliot, president emeritus of Harvard university.

James Brown Scott, solicitor of the state department.

John W. Foster, lawyer, former secretary of state.

Andrew J. Montague, lawyer, former governor of Virginia.

William M. Howard, lawyer and congressman, Lexington, Ga.

Judge Thomas Burke, Seattle, Wash.

James L. Slayden, congressman, San Antonio, Tex.

Andrew D. White, former ambassador to Germany.

Robert S. Brookings, lawyer, St. Louis, Mo.

Samuel Mather, banker and steel manufacturer, Cleveland, O.

J. G. Schmidlapp, railroad man, Cincinnati, O.

Arthur William Foster, regent of the University of California, San Francisco.

R. A. Franks, banker, Hoboken, N. J.

Charlemagne Tower, former ambassador to Germany and Russia.

Oscar Straus, ambassador to Turkey.

Austen G. Fox, lawyer, New York.

John L. Cadwallader, lawyer, New York.

John Sharp Williams, senator-elect from Mississippi.

C. L. Taylor of Pittsburg, chairman of the Carnegie hero-fund commission.

George W. Perkins of New York, financier and philanthropist.

The informal trust deed presented by Mr. Carnegie to the trustees reads in part as follows:

"Gentlemen: I have transferred to you as trustees of the Carnegie peace fund $10,000,000 5 per cent first-mortgage bonds, value $11,500,000, the revenue of which is to be administered by you to hasten the abolition of international war, the foulest blot upon our civilization. Although we no longer eat our fellow men or torture prisoners, or sack cities, killing their inhabitants, we still kill each other in war like barbarians. Only wild beasts are excusable for doing that in this the twentieth century of the Christian era, for the crime of war is inherent, since it decides not in favor of the right but always of the strong. The nation is criminal which refuses arbitration and drives its adversary to a tribunal which knows nothing of righteous judgment."

ILLINOIS ELECTORAL DISTRICTS.

County.	County seat.	Senatorial	Congressional.	Judicial circuit.	Judicial Dis. Appellate.	Judicial Dis. Supreme.
Adams	Quincy	36	15	8	3	4
Alexander	Cairo	50	25	1	4	1
Bond	Greenville	47	22	3	4	2
Boone	Belvidere	8	12	17	2	6
Brown	Mount Sterling	30	20	8	3	4
Bureau	Princeton	37	16	13	2	5
Calhoun	Hardin	36	20	8	3	2
Carroll	Mount Carroll	12	13	15	2	6
Cass	Virginia	30	20	8	3	4
Champaign	Urbana	24	19	6	3	3
Christian	Taylorville	40	21	4	3	2
Clark	Marshall	34	18	5	3	2
Clay	Louisville	42	24	4	4	2
Clinton	Carlyle	42	23	4	4	1
Coles	Charleston	34	19	5	3	3
Cook	Chicago	1,2,3,4,5,6 7,9,11,13,15 17,19,21,23 25,27,29,31	1,2,3,4,5 6,7,8,9,10	Not numbered	1	7
Crawford	Robinson	48	23	2	4	2
Cumberland	Toledo	40	18	5	3	2
DeKalb	Sycamore	35	12	16	2	6
DeWitt	Clinton	28	19	6	3	3
Douglas	Tuscola	34	19	6	3	3
DuPage	Wheaton	41	11	16	2	7
Edgar	Paris	22	18	5	3	3
Edwards	Albion	48	24	2	4	1
Effingham	Effingham	42	23	4	4	2
Fayette	Vandalia	40	23	4	4	2
Ford	Paxton	26	17	11	3	3
Franklin	Benton	50	25	2	4	1
Fulton	Lewistown	43	15	9	3	4
Gallatin	Shawneetown	48	24	2	4	1
Greene	Carrollton	38	20	7	3	2
Grundy	Morris	39	12	13	2	5
Hamilton	McLeansboro	51	24	2	4	1
Hancock	Carthage	32	14	9	3	4
Hardin	Elizabethtown	48	24	2	4	1
Henderson	Oquawka	33	14	9	2	4
Henry	Cambridge	37	15	14	2	5
Iroquois	Watseka	20	18	12	2	3
Jackson	Murphysboro	44	25	1	4	1
Jasper	Newton	46	23	4	4	2
Jefferson	Mount Vernon	46	23	2	4	1
Jersey	Jerseyville	38	20	7	3	2
Jo Daviess	Galena	12	13	15	2	6
Johnson	Vienna	51	24	1	4	1
Kane	Geneva	14	11	16	2	6
Kankakee	Kankakee	20	18	12	2	7
Kendall	Yorkville	14	12	16	2	6
Knox	Galesburg	43	15	9	2	5
Lake	Waukegan	8	10	17	2	7
LaSalle	Ottawa	29	12	13	2	5
Lawrence	Lawrenceville	48	23	2	4	2
Lee	Dixon	35	13	15	2	6
Livingston	Pontiac	16	17	11	2	3
Logan	Lincoln	28	17	11	3	3
Macon	Decatur	28	19	8	3	3
Macoupin	Carlinville	38	21	7	3	2
Madison	Edwardsville	47	22	3	4	2
Marion	Salem	42	23	4	4	2
Marshall	Lacon	16	16	10	2	5
Mason	Havana	30	20	8	3	4
Massac	Metropolis	51	24	1	4	1
McDonough	Macomb	32	14	9	3	4
McHenry	Woodstock	8	11	17	2	6
McLean	Bloomington	26	17	11	3	3
Menard	Petersburg	30	20	4	3	4
Mercer	Aledo	33	14	14	2	4
Monroe	Waterloo	44	22	3	4	1
Montgomery	Hillsboro	38	21	4	3	2
Morgan	Jacksonville	45	20	7	3	4
Moultrie	Sullivan	24	19	6	3	3
Ogle	Oregon	10	13	15	2	6
Peoria	Peoria	18	16	10	2	5
Perry	Pinckneyville	44	25	3	4	1
Piatt	Monticello	24	19	6	3	3
Pike	Pittsfield	36	20	8	3	2
Pope	Golconda	51	24	1	4	1
Pulaski	Mound City	50	25	1	4	1
Putnam	Hennepin	16	16	10	2	5
Randolph	Chester	44	25	3	4	1
Richland	Olney	46	23	2	4	2
Rock Island	Rock Island	33	14	14	2	4
Saline	Harrisburg	51	24	1	4	1
Sangamon	Springfield	45	21	7	3	3
Schuyler	Rushville	30	15	8	3	4

ILLINOIS ELECTORAL DISTRICTS.—CONTINUED.

COUNTY.	County seat.	Senatorial.	Congressional.	Judicial circuit.	JUDICIAL DIS. Appellate.	JUDICIAL DIS. Supreme.
Scott	Winchester	36	20	7	3	2
Shelby	Shelbyville	40	19	4	3	2
Stark	Toulon	37	16	10	2	5
St. Clair	Belleville	49	22	3	4	1
Stephenson	Freeport	12	13	15	2	6
Tazewell	Pekin	30	16	10	3	3
Union	Jonesboro	50	25	1	4	1
Vermilion	Danville	22	18	5	3	3
Wabash	Mount Carmel	48	23	2	4	1
Warren	Monmouth	22	14	9	2	4
Washington	Nashville	44	22	3	4	1
Wayne	Fairfield	46	24	2	4	1
White	Carmi	48	24	2	4	1
Whiteside	Morrison	35	13	14	2	6
Will	Joliet	41	11	12	2	7
Williamson	Marion	50	25	1	4	1
Winnebago	Rockford	10	12	17	2	8
Woodford	Eureka	16	17	11	2	5

GOVERNMENT OF ILLINOIS.

Legislative power is vested in a general assembly, consisting of a senate and house of representatives, both elected by the people. The state is divided into fifty-one senatorial districts, each of which elects a senator and three representatives. The general assembly makes laws and appropriates money for the government of the state, elects United States senators to represent the state and in general stands in the same relation to the state as congress does to all the states as a whole. The powers and duties of the chief executive officers are as follows:

Governor—The governor is vested with the chief executive power of the state. He is the commander in chief of the military and naval forces and may call out the militia to maintain the peace. He is required to inform the general assembly, by message, of the condition of affairs of the state and to recommend needed legislation. He may, by proclamation, call a special session of the assembly or adjourn it in case of disagreement between the two houses. He has the power to appoint certain officers and during a recess of the senate may fill vacancies or remove certain officers and may call special elections to fill vacancies in certain offices. He may make requisitions upon the governors of other states for the return of fugitives from justice or offer rewards for the arrest of offenders against the laws of the state. He exercises a general supervision over the penitentiaries and may grant reprieves, commutations and pardons and may restore the rights of citizenship to ex-convicts. He may approve acts of the legislature and exercise the veto power.

Lieutenant-Governor—This officer is ex-officio president of the senate and has the power to cast the deciding vote in case of a tie. In case of the death, conviction on impeachment, failure to qualify, resignation, absence from the state or other disability on the part of the governor, the lieutenant-governor succeeds to the office to the close of the term.

Secretary of State—The secretary of state is charged with the safekeeping of the original laws and resolutions of the general assembly; with all books, bills and documents deposited with him by either house, and with all bonds, records and papers filed in his office. He keeps a record of the official acts of the governor, furnishes certified copies of the same to the assembly on request and certified copies of any of the records of his office on the payment of the statutory fees. He countersigns and affixes the seal of the state to all proclamations and commissions issued by the governor; issues licenses for incorporations and certificates of organization to cities and villages and incorporated towns. He has charge of most of the buildings and grounds belonging to the state in Springfield, furnishes supplies for the general assembly and supervises the printing and distribution of all the public documents of the state. He calls the house of representatives to order at the beginning of each general assembly and presides over the same until the election of a speaker. He is the keeper of the great seal of the state and is the custodian and sealer of weights and measures.

Auditor—The auditor is required to keep all the accounts of the state; to audit the accounts of all officers or other persons authorized to receive moneys from the state treasury; to personally sign all warrants drawn on the treasury; to institute suits wherein the state is a plaintiff, and to make a biennial report of the business of his office to the governor. With the governor and treasurer he determines the state tax rate. He exercises a general supervision over state banks, building, loan and homestead associations.

State Treasurer—The state treasurer is custodian of the revenues and public moneys of the state. He must make monthly settlements with the auditor and a biennial report to the governor.

Superintendent of Public Instruction—The superintendent exercises a general supervision over all the public schools of the state. He is the general and legal adviser of the county superintendents and must report biennially to the governor the general condition of all the schools of the state, the amount raised by taxation for school purposes and the manner of its expenditure and the general condition of all the school funds. He may grant state certificates to teachers or cause them to be withheld and must visit charitable institutions which are educational in character.

Attorney-General—It is the duty of the attorney-general to represent the state in the Supreme court in all cases in which the state is interested; to act as counsel for all state officials; to be the legal adviser of the governor and other state officers in matters relating to their official duties, and, on request, to furnish them, as well as either branch of the general assembly, with written opinions upon constitutional or legal questions.

GOVERNORS OF ILLINOIS.

Shadrach Bond, Dem.....1818-1822
Edward Coles, Dem.....1822-1826
Ninian Edwards, Dem.....1826-1830
John Reynolds, Dem.....1830-1834
Wm. L. D. Ewing,* Dem.1834-1834
Joseph Duncan, Whig.....1834-1838
Thomas Carlin, Dem.....1838-1842
Thomas Ford, Dem.....1842-1846
Augustus C. French, Dem.1846-1853
Joel A. Matteson, Dem...1853-1857
Wm. H. Bissell,† Rep...1857-1860
John Wood, Rep.....1860 1861
Richard Yates, Rep.....1861-1865
Richard J. Oglesby, Rep.1865-1869
John M. Palmer,‡ Rep..1869-1873
Richard J. Oglesby, Rep.1873-1873
John L. Beveridge, Rep..1873-1877
Shelby M. Cullom, Rep§.1877-1883
John M. Hamilton, Rep..1883-1885
Richard J. Oglesby, Rep.1885-1889
Joseph W. Fifer, Rep....1889-1893
John P. Altgeld, Dem....1893-1897
John R. Tanner, Rep....1897-1901
Richard Yates, Jr., Rep..1901-1905
Charles S. Deneen, Rep..1905-1909
Charles S. Deneen, Rep..1909-1913

*Served only fifteen days, completing Reynolds' term. †Died in office; succeeded by John Wood. ‡Democrat after 1872. §Elected United States senator; succeeded by John M. Hamilton.

MAP OF

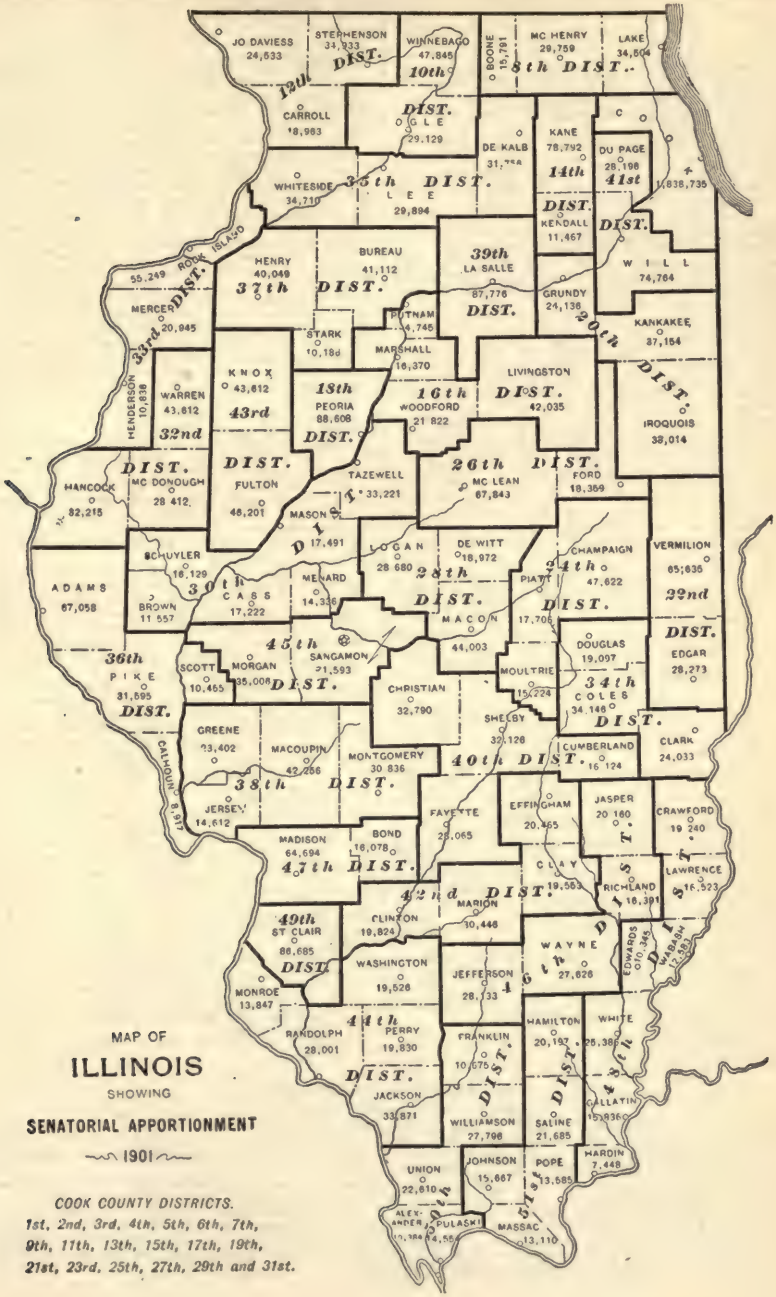
ILLINOIS

SHOWING

CONGRESSIONAL APPORTIONMENT

1901

COOK COUNTY DISTRICTS.
1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th and 10th.



MAP OF

ILLINOIS

SHOWING

SENATORIAL APPORTIONMENT

1901

COOK COUNTY DISTRICTS.

1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 9th, 11th, 13th, 15th, 17th, 19th, 21st, 23rd, 25th, 27th, 29th and 31st.

ILLINOIS SENATORIAL DISTRICTS.

Established May 10, 1901.

Dist.
1. First and 2d wards, Chicago.
2. That part of the 11th ward north of 16th street; that part of the 12th ward north of 16th street and east of California avenue, and the 20th ward, Chicago.
3. Third ward; that part of the 4th ward east of Halsted street; that part of the 5th ward bounded by Union avenue, 35th street, Parnell avenue and 33d street; that part of the 6th ward north of 43d street, Chicago.
4. Twenty-ninth and 30th wards and that part of the 31st ward north of 57th place and east of the Rock Island right of way, Chicago.
5. Sixth ward, except that part north of 43d street, and the 7th ward, except that part south of 63d street and east of Cottage Grove avenue, Chicago.
6. Twenty-fourth ward; that part of the 25th ward north of Devon avenue; that part of the 23d ward west of Halsted street, and the 26th ward, Chicago; also that part of the town of Evanston outside Chicago and those parts of the towns of New Trier and Niles within the city of Evanston, Cook county.
7. Towns of Thornton, Bloom, Rich, Bremen, Orland, Lemont, Palos, Worth, Lyons, Stickney, Proviso, Leyden, Elk Grove, Schaumburg, Hanover, Barrington, Palatine, Wheeling, Northfield; that part of Niles outside the city of Chicago and outside the city of Evanston; that part of New Trier outside the city of Evanston, and those parts of the towns of Norwood Park and Maine outside of Chicago, all in Cook county.
8. Lake, Henry and Boone counties.
9. That part of the 4th ward west of Halsted street; the 5th ward, except that part bounded by Union avenue, 35th street, Parnell avenue and 33d street; that part of the 12th ward south and east of 16th street, California avenue, the C., B. & Q. right of way, Clifton Park avenue, 24th street, Central Park avenue, to the Illinois and Michigan canal.
10. Ogle and Winnebago counties.
11. Thirty-first ward, except that part north of 57th place and east of the Rock Island right of way, and the 32d ward, Chicago.
12. Stephenson, Jo Daviess and Carroll counties.
13. That part of the 7th ward south of 63d street and east of Cottage Grove avenue; the 8th and 33d wards, Chicago, and that part of the town of Calumet outside of the city of Chicago.
14. Kane and Kendall counties.
15. Ninth ward, except that part north and west of 14th street, Johnson street and Maxwell street; 10th ward, except that part north and west of 16th street, Throop street, 14th street and Morgan street, and that part of the 11th ward south of 16th street, Chicago.
16. Marshall, Putnam, Livingston and Woodford counties.
17. That part of the 9th ward north and west of 14th street, Johnson street and Maxwell street; that part of the 10th ward north and west of 16th street, Throop street, 14th and Morgan streets, and the 19th ward, Chicago.
18. Peoria county.
19. That part of the 12th ward north and west of California avenue, C., B. & Q. right of way and Clifton Park avenue; 13th and 34th wards, Chicago; the towns of Cicero, Berwyn and Riverside, in Cook county.
20. Kankakee, Grundy and Iroquois counties.
21. Fourteenth ward; that part of the 17th ward south of Augusta street, Holt street, Cornell street, Milwaukee avenue and Green street; that part of the 35th ward south of Chicago avenue, Park avenue and Lake street, Chicago.
22. Vermilion and Edgar counties.
23. Fifteenth ward; that part of the 16th ward bounded by North avenue, Robey street, Division street and Ashland avenue; that part of the 35th ward north of Chicago avenue, west of Park avenue and north of Lake street, Chicago, and the town of Oak Park in Cook county.
24. Champaign, Piatt and Moultrie counties.
25. Twenty-seventh and 28th wards, Chicago.
26. McLean and Ford counties.
27. Sixteenth ward, except that part bounded by North avenue, Robey street, Division street and Ashland avenue; that part of the 17th ward bounded by Ashland avenue, Augusta street, Holt street, Cornell street, Milwaukee avenue, Green street, Kinzie street, river and Division street; 18th ward, Chicago.
28. Logan, DeWitt and Macon counties.
29. Twenty-first ward, except that part north of Goethe, State and Schiller streets; 22d ward, except that part west of Halsted street, and except that part north and west of Sedgwick, Sigel, Cleveland, Clybourn, Larrabee and Division, Chicago.
30. Tazewell, Mason, Menard, Cass, Brown and Schuyler counties.
31. That part of the 21st ward north of Goethe, State and Schiller streets; that part of the 22d ward west of Halsted street and that part of the 22d ward east of Halsted street and north of Division, Larrabee, Clybourn, Cleveland and Sigel; that part of the 23d ward east of Halsted street, and that part of the 25th ward south of Devon avenue, Chicago.
32. McDonough, Hancock and Warren counties.
33. Rock Island, Mercer and Henderson counties.
34. Douglas, Coles and Clark counties.
35. Whiteside, Lee and DeKalb counties.
36. Scott, Calhoun, Pike and Adams counties.
37. Henry, Bureau and Stark counties.
38. Greene, Montgomery, Jersey and Macoupin counties.
39. LaSalle county.
40. Christian, Shelby, Fayette and Cumberland counties.
41. DuPage and Will counties.
42. Clinton, Marion, Clay and Effingham counties.
43. Knox and Fulton counties.
44. Washington, Randolph, Perry, Monroe and Jackson counties.
45. Morgan and Sangamon counties.
46. Jefferson, Wayne, Richland and Jasper counties.
47. Madison and Bond counties.
48. Hardin, Gallatin, White, Edwards, Wabash, Lawrence and Crawford counties.
49. St. Clair county.
50. Franklin, Williamson, Union, Alexander and Pulaski counties.
51. Hamilton, Saline, Pope, Johnson and Massac counties.

ILLINOIS TAX COMMISSION.

Appointed by governor March 11, 1910.

John P. Wilson, Chicago; Charles E. Merriam, Chicago; Alfred M. Craig, Galesburg; Ben F. Caldwell, Springfield; Prof. David Felmley, Urbana; A. P. Grout, Winchester; B. L. Winchell, Chicago.

Duties of the commission:

1. To make a careful compilation of all state laws relating to taxation and Supreme court decisions thereon.

2. To classify and tabulate statistics relating to the totals raised by taxation in state, counties and municipalities.

3. To investigate all complaints which may be made to them of illegal, unjust or excessive taxation.

4. To secure information as to taxing methods in other states.

5. To formulate a report "which shall be as plain, concise and comprehensive as possible," to be presented to the governor on or before Jan. 15, 1911, and by him transmitted to the general assembly.

ILLINOIS NATIONAL GUARD AND NAVAL RESERVE.

Commissioned officers, 569; enlisted men, 7,500.

Commander-in-Chief—Gov. Charles S. Deneen.
The Adjutant-General—Brig.-Gen. Frank S. Dickson.
Adjutant-General—Col. Richings J. Shand.
Assistant Quartermaster-General—Col. S. O. Tripp.
The Division (headquarters Chicago)—Maj.-Gen. Edward C. Young commanding.
First Brigade (headquarters Chicago)—Brig.-Gen. D. Jack Foster commanding.
Second Brigade (headquarters Decatur)—Brig.-Gen. Frank P. Wells commanding.
Third Brigade (headquarters Rock Island)—Brig.-Gen. Edward Kittilsen commanding.
First Infantry (headquarters Chicago)—Col. J. B. Sanborn commanding.
Second Infantry (headquarters Chicago)—Col. John J. Garrity commanding.
Third Infantry (headquarters Aurora)—Col. Charles H. Greene commanding.
Fourth Infantry (headquarters Springfield)—Col. Edward J. Lang commanding.
Fifth Infantry (headquarters Quincy)—Col. Frank S. Wood commanding.
Sixth Infantry (headquarters Rock Island)—Col. W. T. Channon commanding.
Seventh Infantry (headquarters Chicago)—Col. Daniel Moriarity commanding.
Eighth Infantry (colored, headquarters Chicago)—Col. John R. Marshall commanding.
First Cavalry (nine troops, Chicago)—Col. Milton J. Foreman commanding.
Artillery Battalion (headquarters Danville)—Vacancy.
Signal Corps (Chicago)—Capt. David N. Williams commanding.
Medical Department (attached to the various commands)—Col. Charles Adams, Chicago, surgeon-general, commanding.
Inspector-General—Col. Chauncey Dewey, Chicago.
Assistant Chief of Ordnance—Col. Gordon Strong, Chicago.
Judge-Advocate General—Col. E. R. Bliss, Chicago.

ARMORIES IN CHICAGO.

First Regiment Infantry—1542 Michigan avenue.
Second Regiment Infantry—Washington boulevard and North Curtis street.
Seventh Regiment Infantry—Wentworth avenue, between 33d and 34th streets.
Eighth Regiment Infantry—60 East 37th street.
First Regiment Cavalry Headquarters—1330 North Clark street.
First Brigade Headquarters—311 Monadnock building.
Signal Corps Headquarters—In 2d regiment armory.

ILLINOIS NAVAL RESERVE.

COMMISSIONED AND WARRANT OFFICERS.

1. Official designation—Illinois Naval Reserve.
2. Plan of organization—Ship's company (ten deck divisions, three engineer divisions).
3. Address of headquarters—20 Michigan avenue, Chicago.
4. Vessels loaned to state, where located and by which portion of command used—U. S. S. Nashville (assigned and delivered at Boston navy yard to Illinois Naval Reserve, April 30, 1909; arrived in Chicago June 5, 1909), Chicago, by entire command at different times.
5. Number of commissioned officers..... 50
   Number of petty officers and enlisted men..587
   Total 637
6. Location of divisions—
   First, Chicago, mustered in May 15, 1900.
   Second, Chicago, mustered in May 15, 1900.
   Third, Chicago, mustered in May 15, 1900.
   Fourth, Chicago, mustered in May 15, 1900.
   Fifth (engineer), Chicago, mustered in July 1, 1903.
   Sixth (engineer), Chicago, mustered in July 1, 1903.
   Seventh, Moline, mustered in Sept. 30, 1893.
   Eighth, Rock Island, mustered in April 30, 1896.
   Ninth, Alton, mustered in Feb. 18, 1896.
   Tenth, Quincy, mustered in May 21, 1897.
7. The adjutant-general, state of Illinois, Springfield; Capt. Warren F. Purdy, commanding, 20 Michigan avenue, Chicago (1905).
   Commander Edward A. Evers, executive officer, Chicago (1909).
   Lieutenant-Commander James L. Foord, chief engineer, 20 Michigan avenue, Chicago (1904).
   Lieutenant-Commander William N. McMunn, navigator, 20 Michigan avenue, Chicago (1909).
   Lieut. Cecil Page, ordnance officer, 20 Michigan avenue, Chicago (1910).
   Lieut. Ogden T. McClurg, equipment officer, 20 Michigan avenue, Chicago (1906).
   Lieut. (J. G.) David C. Guest, secretary, 20 Michigan avenue, Chicago (1906).
   Lieut. (J. G.) Charles N. Henderson, signal officer, 20 Michigan avenue, Chicago (1909).
   Ensign G. A. Ramsey, aid, 20 Michigan avenue, Chicago (1907).
   Ensign George C. Isbester, aid, 20 Michigan avenue, Chicago (1910).
   Lieutenant-Commander David W. Graham, surgeon, 20 Michigan avenue, Chicago (1906).
   Lieut. H. K. Gibson, passed assistant surgeon, 20 Michigan avenue, Chicago (1909).
   Lieut. (J. G.) David S. Hillis, assistant surgeon, 20 Michigan avenue, Chicago (1908).
   Lieut. (J. G.) H. H. Pillinger, assistant surgeon, Rock Island (1909).
   Lieutenant-Commander C. G. Y. King, paymaster, 20 Michigan avenue, Chicago (1907).
   Ensign John Gunderson, assistant paymaster, 20 Michigan avenue, Chicago (1910).

FIRST DIVISION.

Lieut. L. R. Rutter, 20 Michigan avenue, Chicago (1910).
Lieut. (J. G.) John A. Mullholland, 20 Michigan avenue, Chicago (1907).
Ensign V. T. Harrington, 20 Michigan avenue, Chicago (1908).

SECOND DIVISION.

Lieut. J. D. Davidson, 20 Michigan avenue, Chicago (1909).
Lieut. (J. G.) Gustav Brocker, 20 Michigan avenue, Chicago (1909).
Ensign W. H. Brown, 20 Michigan avenue, Chicago (1907).
Ensign W. J. Gibbons, 20 Michigan avenue, Chicago (1909).

THIRD DIVISION.

Lieut. George H. Jackson, 20 Michigan avenue, Chicago (1908).
Lieut. (J. G.) G. G. Meade, 20 Michigan avenue, Chicago (1910).
Ensign D. L. Van Bramer, 20 Michigan avenue, Chicago (1910).

FOURTH DIVISION.

Lieut. (J. G.) T. J. McCarthy, 20 Michigan avenue, Chicago (1909).
Ensign A. Chidlow, 20 Michigan avenue, Chicago (1909).
Ensign E. B. Sherman, 20 Michigan avenue, Chicago (1909).

FIFTH DIVISION (ENGINEERS).

Lieut. W. F. Sims, 20 Michigan avenue, Chicago (1910).
Lieut. (J. G.) W. E. Lewis, 20 Michigan avenue, Chicago (1910).
Ensign C. Kirk, 20 Michigan avenue, Chicago (1908).
Ensign E. A. Muehike, 20 Michigan avenue, Chicago (1909).

SIXTH DIVISION (ENGINEERS).

Lieut. O. W. Brown, 20 Michigan avenue, Chicago (1909).

SEVENTH DIVISION.

Lieut. George T. Kemmerling, Moline (1908).
Lieut. (J. G.) Oscar Strand, Moline (1910).

EIGHTH DIVISION.

Lieut. O. L. Smith, Rock Island (1909).
Ensign Case Clough, Rock Island (1910).

NINTH DIVISION.

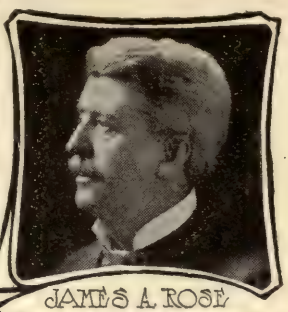
Lieut. J. B. Maxfield, Alton (1906).
Lieut. (J. G.) William Koehne, Alton (1909).
Ensign Herbert H. Gill, Alton (1909).
Ensign James E. Hobson, Alton (1909).

TENTH DIVISION.

Lieut. John F. Garner, Quincy (1908).
Lieut. (J. G.) William F. Thesen, Quincy (1906).
Ensign W. A. Johnson, Quincy (1906).
Ensign Strauss, Quincy (1909).

JAS. S. McCULLOUGH
FROM PHOTO BY GEORG, SPRINGFIELD, ILL.

THE CAPITOL



JAMES A. ROSE
FROM PHOTO BY KESSBERGER, SPRINGFIELD, ILL.

WM. H. STEAD
FROM PHOTO BY HYDE PARK STUDIO.

LAWRENCE Y. SHERMAN
FROM PHOTO BY EMERY, COLORADO SPRINGS.

FRANCIS G. BLAIR

CHARLES S. DENEEN
FROM PHOTO BY ROOT, CHICAGO.

FRED W. POTTER

JOHN G. OGLESBY
FROM PHOTO BY GEORG, SPRINGFIELD, ILL.

EXECUTIVE MANSION

E. E. MITCHELL
FROM PHOTO BY FORD, CARBONDALE, ILL.

ILLINOIS STATE OFFICIALS.

ILLINOIS CIVIL LIST.

Corrected to Dec. 1, 1910.

EXECUTIVE DEPARTMENT.

	Salary.
Governor—Charles S. Deneen, R., Cook county	$12,000
Lieutenant-Governor—John G. Oglesby, R., Logan county	2,500
Secretary of State—James A. Rose, R., Pope county	7,500
Auditor—James S. McCullough, R., Champaign county	7,500
Treasurer—Edw. E. Mitchell, Jackson county	10,000
Superintendent of Public Instruction—Francis G. Blair, R., Coles county	7,500
Attorney-General—William H. Stead, R., La-Salle county	10,000
Insurance Superintendent—Fred W. Potter	3,500
The Adjutant-General—Col. F. S. Dickson	3,000

THE SUPREME COURT.

The Supreme court consists of seven judges, elected for a term of nine years, one from each of the seven districts into which the state is divided. The election is held in June of the year in which any term expires.

JUSTICES.

Dist.	Salary $10,000.	Term expires.
1.	Alonzo K. Vickers, East St. Louis	June, 1915
2.	Wm. M. Farmer, chief justice, Vandalia	June, 1915
3.	Frank K. Dunn, Charleston	June, 1915
4.	George A. Cooke, Aledo	June, 1912
5.	John P. Hand, Cambridge	June, 1918
6.	James H. Cartwright, Oregon	June, 1915
7.	Orrin N. Carter, Chicago	June, 1915

Reporter—Samuel P. Irwin, Bloomington.
Clerk—J. McCan Davis.
Librarian—Ralph H. Wilkin.

Terms of court are held in Springfield, commencing on the first Tuesday in February, April, June, October and December.

BOARD OF LAW EXAMINERS.

George W. Wall, president.....DuQuoin
Wm. B. Wright, secretary and treasurer..Effingham
James H. Stearns.....Freeport
Charles L. Bartlett.....Quincy
Russell Whitman.....Chicago

COURT OF CLAIMS.

Office in Springfield.

Lawrence B. Stringer.....Lincoln
William Johnson.....Rockford
Charles J. Searle.....Rock Island
Secretary—J. S. McCullough, ex officio.

UNIVERSITY OF ILLINOIS.

Located at Champaign and Urbana.
Board of trustees.

Ex Officio Members—The governor, the president of the state board of agriculture, the state superintendent of public instruction.

Mary E. Busey, Urbana.....1917
Otis W. Holt, Geneseo.....1917
William L. Abbott, Chicago.....1917
Arthur Meeker, Chicago.....1915
Frederick L. Hatch, Spring Grove.....1913
Carrie T. Alexander, Belleville.....1913
Laura B. Evans, Taylorville.....1915
A. P. Grout, Winchester.....1913
Allen F. Moore, Monticello.....1915
(Ex officio members as above.)
President of University—Dr. Edmund J. James.
Secretary and Registrar—Charles Maxwell McCann, Urbana.
Business Manager—Prof. S. W. Shattuck, Champaign.

STATE NORMAL UNIVERSITY.

Located at Normal.
Managed by state board of education.

Francis G. Blair, ex officio.....Springfield
Charles L. Capen.....Bloomington
William R. Sandham.....Wyoming
E. R. E. Kimbrough.....Danville
Mrs. Ella F. Young.....Chicago
Frank B. Stitt.....El Paso
Forrest F. Cook.....Galesburg
Frank A. Kerns.....Wyoming
Jacob L. Bailey.....Macomb
P. R. Walker.....Rockford
Joseph L. Robertson.....Peoria
B. O. Willard.....Rushville
Solomon H. Trego.....Clayton
President—David Felmley.

TRUSTEES EASTERN STATE NORMAL SCHOOL.

Located at Charleston.

Brent H. Pinnell, president.....Kansas
John H. Marshall, secretary.....Charleston
John S. Culp.....Bethalto
Clarence H. Oxman.....Grayville
Scott Burgett.....Newman
Francis G. Blair, ex officio.....Springfield
President—L. C. Lord.

TRUSTEES WESTERN STATE NORMAL SCHOOL.

Located at Macomb.

John M. Keefer, president.....Macomb
Fred R. Jeliff, secretary.....Galesburg
John A. Mead.....Augusta
Louis H. Hanna.....Monmouth
J. F. Mains.....Stronghurst
Francis G. Blair, ex officio.....Springfield
President—Alfred Bayliss.

TRUSTEES SOUTHERN NORMAL UNIVERSITY.

Located at Carbondale.

J. M. Burkhart.....Marion
Hugh Lauder.....Carbondale
William F. Bundy.....Centralia
H. T. Goddard.....Mount Carmel
William M. Grisson, Jr.....Vienna
Francis G. Blair, ex officio.....Springfield
President—D. B. Parkinson.
Registrar—H. W. Shyrock.

TRUSTEES NORTHERN STATE NORMAL SCHOOL.

Located at DeKalb.

A. A. Goodrich, president.....Chicago
J. J. McLallen, secretary.....Aurora
Isaac L. Ellwood.....DeKalb
Leroy A. Goddard.....Chicago
Isaac F. Edwards.....Dixon
Francis G. Blair, ex officio.....Springfield
President—John W. Cook.

TRUSTEES OF STATE HISTORICAL LIBRARY.

Located at Springfield.

Evarts B. Green.....Urbana
Otto L. Schmidt.....Chicago
C. H. Rammelkamp.....Jacksonville
Librarian—Mrs. J. P. Weber.

STATE BOARD OF AGRICULTURE 1911-1912.

President—George A. Anthony, Kewanee.
Vice-President at Large—John M. Crebs, Carmi.
Secretary—J. K. Dickirson, Springfield.
Treasurer—J. F. Prather, Williamsville.

Dist.	VICE-PRESIDENTS.	
1.	Martin Conrad	Chicago
2.	Robert O'Dwyer	Chicago
3.	George H. Cooper	Mokena
4.	Albert Wallerstein	Chicago
5.	August W. Miller	Chicago
6.	Dr. John B. Robertson	Chicago
7.	J. J. McComb	Chicago
8.	Louis F. Wilk	Chicago
9.	J. F. Rehm	Chicago
10.	W. E. Davis	Libertyville
11.	C. F. Dike	North Crystal Lake
12.	George H. Madden	Mendota
13.	J. E. Taggart	Ridott
14.	E. B. David	Aledo
15.	W. F. Aten	Ray
16.	James K. Hopkins	Princeton
17.	Hiett B. Taylor	Fairbury
18.	B. M. Davison	Marshall
19.	D. J. T. Montgomery	Charleston
20.	L. O. Skiles	Virginia
21.	Charles M. Woods	Springfield
22.	John S. Culp	Bethalto
23.	Thomas S. Marshall	Metropolis
24.	John W. Shaw	Harrisburg
25.	Joab Goodall	Marion

BOARD OF COMMISSIONERS OF LABOR.

Salary $5 per day for thirty days.

J. D. Peters.....Carbondale
Frank B. Mott.....Galesburg
Edgar F. Wills.....Decatur
M. H. Madden.....Chicago
Secretary—David Ross.....Springfield

HORTICULTURAL SOCIETY.

Created by act of March 24, 1874.

President—Robert O. Graham.....Bloomington
Vice-President—F. D. Voris.....Neoga
Secretary—W. B. Lloyd.....Kinmundy
Treasurer—J. W. Stanton.....Richview

EXECUTIVE BOARD.

A. V. Schermerhorn, Ridgefarm.....Central
Austin Powers, Sterling.....Northern
W. R. Soverhill, Tiskilwa.....Northern
H. Augustine, Normal.....Central
A. V. Schermerhorn, Ridgefarm.....Southern
J. C. B. Heaton, New Burnside.....Southern
W. S. Perrine, Centralia.....Southern

STATE GAME COMMISSIONER.

J. A. Wheeler.....Springfield

ILLINOIS FARMERS' INSTITUTE.

Created by act of June 24, 1895. Term, two years.

President—E. W. Burroughs.....Edwardsville
Vice-President—A. N. Abbott.....Morrison
Secretary—H. A. McKeene.....Springfield
Treasurer—A. P. Grout.....Winchester
Auditor—Frank I. Mann.....Gilman

BOARD OF DIRECTORS.

Ex Officio—Superintendent of public instruction, dean of the college of agriculture, president of state board of agriculture, president state horticultural society, president state dairymen's association.

Elected by congressional districts:

1. H. E. Young.....Chicago
2. James Frake.....Chicago
3. M. K. Sweet.....Glenwood
4. Vacancy.....Chicago
5. C. P. Reynolds.....Chicago
6. Vacancy.....Chicago
7. Charles W. Farr.....Chicago
8. John M. Clark.....Chicago
9. J. F. Rehm.....Chicago
10. R. W. Chittenden.....Gurnee
11. J. P. Mason.....Elgin
12. George F. Tullock.....Rockford
13. A. N. Abbott.....Morrison
14. William H. Ashdown.....Port Byron
15. S. N. Black.....Clayton
16. Ralph Allen.....Delavan
17. S. B. Mason.....Bloomington
18. F. I. Mann.....Gilman
19. J. B. Burrows.....Decatur
20. A. P. Grout.....Winchester
21. Edward Grimes.....Raymond
22. E. W. Burroughs.....Edwardsville
23. A. V. Schermerhorn.....Kinmundy
24. D. M. Marlin.....Norris City
25. W. E. Braden.....Cutler

INSPECTORS OF GRAIN.

Winfield Scott Cowen, chief.....Chicago
Charles Davis.....East St. Louis
W. P. Dixon.....Kankakee
J. M. Garland.....Decatur
W. E. Waite.....Springfield

FISH COMMISSIONERS.

Headquarters at Havana.

Nathan H. Cohen, president.....Urbana
S. P. Bartlett, secretary.....Quincy
Henry Kleine.....Chicago

LIVE-STOCK COMMISSIONERS.

Salary $5 a day and expenses.
Office at Springfield.

Henry J. Beer.....Blue Island
T. F. Russell.....Pana
Phil S. Haner.....Taylorville
Secretary—C. A. Lowery, Springfield.
State Veterinarian—James M. Wright, Chicago.

STATE BOARD OF EQUALIZATION.

Elected Nov. 3, 1908. Term of office four years.

Dist.
1. Louis E. Herrick, R....4209 Indiana-av., Chicago
2. A. Emil Anderson, R.....9954 Avenue H, Chicago
3. Frank E. Christian, R...5313 Bishop-st., Chicago
4. Dennis E. Sullivan, D..5048 Ashland-av., Chicago
5. Edward J. Novak, D...648 S. Loomis-st., Chicago
6. Thomas W. Sennott, R..348 Ashland-bd., Chicago
7. James J. McComb, R..460 N. Hoyne-av., Chicago
8. Nicholas S. Budzban, D.....48 Fry-st., Chicago
9. Charles McMahon R...1303 Wolfram-st., Chicago
10. John A. Fishleigh, R..2660 N. Robey-st., Chicago
11. Herbert S. Williams, R.....Harvard
12. Edward H. Marsh, R.....Rockford
13. Edmund Jackson, R.....Fulton
14. William S. Brown, R.....Macomb
15. Julius Kespohl, Jr., R.....Quincy
16. Starr H. Beatty, R.....Delavan
17. James M. Lyon, R.....Pontiac
18. Frank P. Martin, R.....Watseka
19. John A. Reeve, R.....Decatur
20. Louis D. Hirsheimer, D.....Pittsfield
21. A. W. Crawford, D.....Girard
22. Utten S. Nixon, R.....Alton
23. H. Gregory Weber, D.....Carlyle
24. James B. Blackman, R.....Harrisburg
25. John P. Nesbitt, R.....Mound City

STATE ENTOMOLOGIST.

Prof. S. A. Forbes.....Urbana

STATE FOOD COMMISSIONER.

Office, Manhattan building, Chicago.

A. H. Jones.....Robinson

BOARD OF HEALTH.

Office at Springfield.

G. W. Webster, M. D., president.....Chicago
James A. Egan, M. D., secretary.....Springfield
Charles J. Boswell, M. D.....Mounds
Henry Richings, M. D.....Rockford
R. E. Niedringhaus, M. D.....Granite City
Walter R. Schussler, M. D.....Orland
P. H. Wessel, M. D.....Moline

FACTORY INSPECTORS.

Office New Era building, Chicago. Salary.

Edgar T. Davies, chief, Chicago.....$3,000
Barney Cohen, assistant, Chicago.....1,500

DEPUTY INSPECTORS.

Mrs. Jennie M. Canedy, Chicago.....1,200
John Fitzsimmons, Chicago.....1,200
M. S. Reiger, Chicago.....1,200
Jacob Swank, Forreston.....1,200
J. M. Patterson, Chicago.....1,200
Jacob Goldman, Chicago.....1,200
Mrs. Evelyn Marion Atchley, Freeport.....1,200
Miss Helen M. Todd, Chicago.....1,200
J. M. Woolington, Monticello.....1,200
J. E. Schlake, Chicago.....1,200
R. W. Hamilton, Moline.....1,200
Clark Johnson, Chicago.....1,200
Charles E. Frisbee, Dixon.....1,200
Mae J. Jordan, Princeton.....1,200
Charles Ducray, East St. Louis.....1,200
A. L. Van Ness, Bloomington.....1,200
William Gillespie, Urbana.....1,200
Charles H. Burk, Chicago.....1,200
Lawrence E. Ferribee, Chicago.....1,200

STATE MINING BOARD.

Office at Springfield. Salary $5 per day and expenses while in service.

Richard Newsam, M. E., president.....Peoria
Evan D. John.....Carbondale
Matt Davison, Sr.....DuQuoin
Henry Terrill.....Colchester
Martin H. Linskey, H. E.....Streator
Secretary—Martin Bolt.

INSPECTORS OF MINES.

Dist. Salary $1,800 per annum.
1. Hector McAllister.....Streator
2. Thomas Hudson.....Galva
3. John Dunlop.....Centralia
4. Thomas Weeks.....Bloomington
5. Thomas Moses.....Westville
6. James Taylor.....Peoria

7. W. W. Williams.....Litchfield
8. Walter Rutledge.....Alton
9. Oscar Cartlidge.....Benton
10. Thomas Little.....Carbondale

BOARD OF PHARMACY.

Office at Springfield.

Charles H. Avery.....Chicago
J. B. Michels.....El Paso
H. C. Christensen.....Chicago
M. C. Metzger.....Cairo
Joseph F. Shreve.....Jacksonville
Secretary—Fred C. Dodds.

DENTAL EXAMINERS.

Salary $5 a day.

T. W. Pritchett, president.....Whitehall
W. F. Whalen, secretary.....Peoria
Henry L. Whipple.....Quincy
T. A. Broadbent.....Chicago
Charles P. Pruyn.....Chicago
Office—1204, 67 Wabash avenue, Chicago.

STATE BOARD OF ADMINISTRATION.

Created by act of June 15, 1909. Term, six years. Salary, $6,000 a year.

(Institutions marked with a star [*] are under jurisdiction of state board of administration.)

L. Y. Sherman, Springfield, president.....1911
Thomas O'Connor, Peoria.....1913
Benjamin R. Burroughs, Edwardsville.....1913
James L. Greene, Kankakee.....1915
Frank D. Whipp, Springfield.....1915

*SCHOOL FOR BLIND.
Located at Jacksonville.
Superintendent.....George W. Jones

*INDUSTRIAL HOME FOR THE BLIND.
Located at Chicago.
Superintendent.....P. J. Cahill

*SCHOOL FOR THE DEAF.
Located at Jacksonville.
Superintendent.....Charles P. Gillett

*EYE AND EAR INFIRMARY.
Located at Chicago.
Superintendent.....C. T. Garrard

*LINCOLN STATE SCHOOL AND COLONY.
(For feeble-minded children.)
Superintendent.....H. G. Hardt, M. D.

*JACKSONVILLE STATE HOSPITAL.
(For insane.)
Superintendent.....H. B. Carriel, M. D.

*KANKAKEE STATE HOSPITAL.
(For insane.)
Superintendent.....Frank P. Norbury

*ELGIN STATE HOSPITAL.
(For insane.)
Superintendent.....Dr. Sidney D. Wilgas

*ANNA STATE HOSPITAL.
(For insane.)
Superintendent.....W. L. Athon, M. D.

*WATERTOWN STATE HOSPITAL.
(For insane.)
Superintendent.....W. A. Crooks

*PEORIA STATE HOSPITAL.
(For insane.)
Superintendent.....Dr. George A. Zellar

*CHESTER STATE HOSPITAL.
(For criminal insane.)
Superintendent.....Dr. C. H. Anderson

*SOLDIERS AND SAILORS' HOME.
Located at Quincy.
Superintendent.....Capt. William Somerville

*SOLDIERS' WIDOWS' HOME.
Located at Wilmington.
Superintendent.....Mrs. Flo Jamison Miller

*SOLDIERS' ORPHANS' HOME.
Located at Normal.
Superintendent.....R. N. McCauley

*STATE TRAINING SCHOOL FOR GIRLS.
Located at Geneva.
Superintendent.....Ophelia L. Amigh

*ST. CHARLES SCHOOL FOR BOYS.
Located at St. Charles.
Superintendent.....C. B. Adams

CHARITIES COMMISSION.

Created by act of June 15, 1909. Term, four years. No compensation.

Frank Billings.....Chicago
Emil G. Hirsch.....Chicago
John T. McAnally.....Carbondale
John M. Rapp.....Fairfield
John B. Harris.....Champaign
Secretary—A. L. Bowen.

STATE REFORMATORY.

Managers. Located at Pontiac.

Rev. Samuel Fallows.....Chicago
Charles A. Purdunn.....Marshall
Fred E. Sterling.....Rockford
Arthur W. Charles.....Carmi
Superintendent—R. A. Russell.

PENITENTIARY COMMISSION.

Created by act of June 5, 1907.

James A. Patten.....Chicago
Ira C. Copley.....Aurora
John Lambert.....Joliet

COMMISSIONERS OF STATE PENITENTIARY.

Prison located at Joliet. Salary $1,500 a year.

John Harrison.....Danville
Van L. Hampton.....Macomb
Joseph De Silva.....Rock Island
Warden—E. J. Murphy.

COMMISSIONERS SOUTHERN PENITENTIARY.

Prison located at Chester. Salary $1,500 a year.

Rufus Neely.....Marion
James E. McClure.....Carlinville
L. L. Emmerson.....Mount Vernon
Warden—James B. Smith.

BOARD OF PARDONS.

Office at Springfield.

G. DeF. Kinney.....Peoria
Charles G. Eckhart.....Tuscola
Ethan Allen Snively.....Springfield
Clerk—D. B. Breed.

BOARD OF ARBITRATION.

Office at Springfield. Salary $1,500 per annum.

C. B. Geiger, president.....Ashley
Harry M. Powell.....Peoria
B. F. Shadley.....Galesburg
Secretary—J. Henry Doyle.....Springfield

STATE SUPERVISING ARCHITECT.

W. C. Zimmerman.....Chicago

EXAMINERS OF ARCHITECTS.

Office, 1112 Chamber of Commerce, Chicago.

N. Clifford Ricker, president.....Urbana
H. B. Wheelock.....Chicago
Fridolin Oswald.....Alhambra
Peter B. Wight, secretary and treasurer..Chicago
Edgar A. Payne.....Carthage

Salary of secretary, $1,500 a year; of members, $10 a day for actual service. Fee charged for examination, $15; fee for issuing license, $25.

RAILROAD AND WAREHOUSE COMMISSIONERS.

Office at Springfield. Salary $3,500 a year.

O. F. Berry, chairman.....Carthage
Bernard A. Eckhart.....Chicago
James A. Willoughby.....Belleville
Secretary—William Kilpatrick.

VOTING-MACHINE COMMISSIONERS.

Term, four years. Compensation not to exceed $1,500 a year and expenses.

Morris Emmerson.....Lincoln
Amos Miller.....Hillsboro
Secretary of state.....Springfield

CANAL COMMISSIONERS.

Office at Lockport. Salary $5 a day.

Charles H. Deere.....Moline
Charles F. Anderson.....Princeton
W. L. Sackett.....Morris

STATE VETERINARIAN.

James M. Wright.....Chicago

EDUCATIONAL COMMISSION.

Created by act of May 25, 1907.

Francis G. Blair.....Springfield
Edmund J. James.....Urbana
R. E. Hieronymus.....Eureka
Alfred Bayliss.....Macomb
A. F. Nightingale.....Chicago
Harry Taylor.....Harrisburg
Edwin G. Cooley.....Chicago

STATE CIVIL-SERVICE COMMISSION.

Office at Springfield.

Created by act of May 11, 1905. Compensation of commissioners, $3,000 a year each.

John A. Cousley.....Alton
William B. Moulton.....Chicago
J. Stanley Browne.....Rockford
Secretary—J. C. Mason.

BOARD OF EXAMINERS OF PUBLIC ACCOUNTANTS.

Office at University of Illinois, Urbana.

S. S. Gregory.....Chicago
C. W. Knisely.....Chicago
Robert S. Buchanan.....Chicago
Secretary—David Kinley, Urbana.

STATE HIGHWAY COMMISSION.

Created by act of May 18, 1905. Term, two years. Office at Springfield.

Edmund J. James.....Urbana
J. R. Fulkerson.....Jerseyville
Lafayette Funk.....Shirley
State Highway Engineer—A. N. Johnson.

COMMISSIONERS OF UNIFORM LAWS.

Created by act of June 3, 1909. Term, four years.

John C. Richberg.....Chicago
O. A. Harker.....Urbana
John H. Wigmore.....Chicago
Ernest Freund.....Chicago
Nathan McChesney.....Chicago

STATE AGENTS TO ENFORCE THE LAW IN RELATION TO CRUELTY TO ANIMALS.

Created by act of May 25, 1877. Term, two years.

Henry Dering.....Chicago
R. M. Hanna.....Peoria
Philip D. Hehner.....East St. Louis
William Roach.....East St. Louis

ILLINOIS FREE EMPLOYMENT OFFICES.

Created by act of April 11, 1899. Term, two years.

Chicago Offices—South side, 429-431 Wabash avenue; W. H. Cruden, superintendent. North side, 826 North Clark street; John E. Hufmeyer, superintendent. West side, corner Canal and Randolph streets; S. P. Revere, superintendent.

Peoria Office—Masonic Temple; John W. Kimsey, superintendent.

East St. Louis Office—Lucy building; M. M. Radel, superintendent.

Springfield Office—307½ South 6th street; Joseph Figuera, superintendent.

MINING INVESTIGATION COMMISSION.

Created by act of June 10, 1909. Term, indefinite.

Dr. J. A. Holmes.....Washington, D. C.
H. H. Stock.....Urbana
Graham Taylor.....Chicago
John H. Walker.....Springfield
Bernard Murphy.....Pana
Charles Burch.....Eldorado
Richard Newsam.....Peoria
Glenn W. Traer.....Chicago
J. W. Miller.....Gillespie

STATE ART COMMISSION.

Created by act of June 4, 1909. Term, four years. No compensation.

Lorado Taft.....Chicago
Ralph Clarkson.....Chicago
W. Cachys Zimmerman.....Chicago
Edward J. Parker.....Quincy
Karl Beil.....Chicago
Frederic Clay Bartlett.....Chicago
William Holgbird.....Chicago
Jens Jensen.....Chicago

ILLINOIS PARK COMMISSION.

Created by act of June 9, 1909. Term, indefinite. No compensation.

Wallace W. Atwood.....Chicago
J. A. James.....Evanston
Alexander Richards.....Ottawa
Mrs. John C. Ames.....Streator
Mrs. Frank B. Orr.....Chicago

CHIEF INSPECTOR OF PRIVATE EMPLOYMENT AGENCIES.

Created by act of June 15, 1909. Term, indefinite. Salary, $3,600 a year.

William H. Cruden, 429 Wabash avenue....Chicago

ILLINOIS LIBRARY EXTENSION BOARD.

Created by act of June 14, 1909. Term, two years.

Joseph H. Freeman.....Aurora
Eugenie M. Bacon.....Decatur

BARBERS' EXAMINING BOARD.

Created by act of June 10, 1909. Term, two years. Compensation, $4 per day each and expenses.

Charles E. Evans.....Moline
Eric F. Wiegel.....1609 West 63d street, Chicago
C. C. Russell.....Edwardsville
Secretary—Eric F. Wiegel.

VICKSBURG MONUMENT COMMISSION.

Created by act of June 9, 1909. Term, indefinite.

C. R. E. Koch.....56 LaSalle street, Chicago
T. B. Orear.....Jacksonville
H. M. Trimble.....Princeton
Carroll Moore.....Benton
F. D. Meacham.....Chicago
President—H. M. Trimble.
Secretary—C. R. E. Koch.

COMMISSION TO INVESTIGATE THE SUBJECT OF THE CREATION OF A STATE SURGICAL INSTITUTE FOR CHILDREN.

Created by joint resolution of May 29, 1909.

John Ridlon. | Burton F. Peek.
L. L. McArthur. | James J. Shannon.
Frank S. Churchill.

INTERNAL IMPROVEMENT COMMISSION.

Created by act of Dec. 24, 1907. Term, four years.

Isham Randolph, Chicago.....1912
Henry W. Johnson, Ottawa.....1912
T. K. Condit, Beardstown.....1912

COMMISSION ON OCCUPATIONAL DISEASES.

Created by joint resolution of March 20, 1907.

George W. Webster.....Chicago
J. A. Egan.....Springfield
David Ross.....Springfield
Edgar T. Davies.....Chicago
James Simpson.....Chicago
Ludwig Hektoen.....Chicago
Walter Stanley Haines.....Chicago
Walter H. Allport.....Chicago
Charles R. Henderson.....Chicago

SPECIAL TAX COMMISSION.

Created by act of June 9, 1909. Term, indefinite.

John P. Wilson.....Chicago
B. L. Winchell.....Chicago
A. P. Grout.....Winchester
B. F. Caldwell.....Springfield
A. M. Craig.....Galesburg
Edmund J. James.....Urbana
Harrison B. Riley.....Chicago

BOARD OF EXAMINERS OF REGISTERED NURSES.

Created by act of May 2, 1907. Term, three years. Office—304 Honore street, Chicago.

Mary C. Wheeler, Quincy.....1909
Katherine Matthews, Springfield.....1910
Helen Scott Hay, Chicago.....1911
Bena Henderson, Chicago.....1911
Anna Hanrahan, Chicago.....1910

STATE FIRE MARSHAL.

Created by act of June 15, 1909. Term, four years. Salary, $3,000.

C. J. Doyle.....Springfield

STATE BOARDS EX OFFICIO.

BOARD OF PRISON INDUSTRIES.

Created by act of May 11, 1903.

Commissioners of Illinois state penitentiary.
Commissioners of southern Illinois penitentiary.
Board of managers of Illinois state reformatory.
H. Dollarhide, sales manager, Springfield.

COMMISSIONERS OF STATE CONTRACTS.

Created by act of March 31, 1874.

Secretary of state, auditor of public accounts, state treasurer, attorney-general.

COMMISSIONERS OF THE STATE LIBRARY.

Created by act of March 6, 1867.

Governor, secretary of state, superintendent of public instruction; secretary of state, librarian, Springfield.

TRUSTEES OF THE LINCOLN MONUMENT.

Created by act of May 18, 1895.

Governor, superintendent of public instruction, state treasurer; E. S. Johnson, custodian, Springfield.

TRUSTEES OF THE NATURAL HISTORY MUSEUM.

Created by act of May 25, 1877.

Governor, secretary of state, superintendent of public instruction; A. R. Crook, curator, Springfield.

STATE CANVASSING BOARD.

Created by act of April 3, 1872.

Governor, secretary of state, auditor, state treasurer, attorney-general.

TRUSTEES OF THE LINCOLN HOMESTEAD.

Created by act of June 16, 1887.

Governor, secretary of state, auditor of public accounts, state treasurer, superintendent of public instruction; Albert S. Edwards, custodian, Springfield.

FORT MASSAC TRUSTEES.

Created by act of May 15, 1903.

Governor, secretary of state, auditor of public accounts, state regent Illinois Daughters of American Revolution, two Illinois Daughters of American Revolution; W. D. Thompson, custodian, Metropolis.

STATE GEOLOGICAL COMMISSION.

Created by act of May 12, 1905.

Governor, president of the University of Illinois; T. C. Chamberlin, Chicago; H. Foster Bain, director, Urbana.

COMMISSIONERS SUPREME COURT BUILDING.

Created by act of May 18, 1905.

Governor, lieutenant-governor, secretary of state, auditor of public accounts, state treasurer, attorney-general, three judges of Supreme court.

STALLION REGISTRATION BOARD.

Created by act of June 10, 1909.

Secretary state board of agriculture.
State veterinarian.
President Illinois Horse Breeders' association.
Secretary Illinois Horse Breeders' association.
President Illinois Farmers' institute.

ILLINOIS PRIMARY-ELECTION LAWS.

Chronology of invalidated acts.

No. 1—Passed May 4, 1905; approved May 18; in force July 1; declared void April 5, 1906.
No. 2—Passed May 16, 1906; approved May 23; in force July 1; declared void Oct. 2, 1907.
No. 3—Passed Jan. 29, 1908; approved Feb. 21; in force July 1; declared void June 16, 1909.

The primary election law of 1905 was declared unconstitutional by the state Supreme court on the ground that it contained provisions delegating legislative functions to political organizations, required the payment of fees by candidates for office, set up a geographical qualification for candidates for the legislature and made out one set of requirements for one part of the state and another set for another part.

The primary election law of 1906 was declared unconstitutional for the following reasons: The act contained more than the title specified, the latter wholly failing to provide for a primary election for the purpose of selecting candidates for office; it lodged legislative power with purely voluntary party organizations; it conflicted with the bill of rights which provides that all elections shall be free and equal; it provided no means by which a person might register for the primary election, if for any ason he had failed to register at the last preceding general election, and it provided that a voter could vote for only one candidate for representative in the general assembly.

The primary election law of 1908 was also declared unconstitutional by the state Supreme court because it required voters to register in order to vote at a primary in sections where the registry act is in force, but provided no opportunity for a voter to register within the period of thirty days before the primary election, thus depriving constitutionally qualified voters of their right to vote at primaries. Further, the law was invalid because it abridged the constitutional rights of a voter by denying to him the right to vote for three candidates for state representative, or to cumulate and divide his vote upon a less number. The law authorized senatorial committees to determine the number of candidates to be nominated and restricted the voter at the primary to one vote for each of as many candidates as the senatorial committee decided should be nominated. The sections declared invalid on account of these defects were 44, relating to registration, and 11, relating to the nomination of candidates for state representative.

(For primary election laws passed by the legislature in 1910 see pages 47 to 51 of this issue of The Daily News Almanac and Year-Book.)

VALUE OF ILLINOIS MINERAL OUTPUT.

Mineral:	1906.	1907.	1908.
Coal	$40,763,062	$54,687,382	$49,936,159
Pig iron (estimated)	47,128,000	52,229,000	30,135,000
Petroleum	3,274,818	16,432,947	22,648,881
Clay	12,765,453	13,220,489	11,540,056
Zinc (estimated)	5,499,508	6,614,608	5,928,792
Limestone	2,942,331	3,774,346	3,122,552
Portland cement	2,461,494	2,632,576	2,707,044
Sand and gravel	1,043,041	1,367,653	1,553,020
Lime	534,118	559,305	393,951
Natural gas	87,211	143,577	270,360
Fluorspar	160,623	141,971	192,179
Mineral water	77,287	91,760	58,904
Lead ore (estimated)	65,208	61,628	24,578
Silica or tripoli	.....	.....	17,884
Sandstone	19,125	14,996	12,218
Natural cement	188,262	174,282	.....
Silver (estimated)	.....	1,900	1,356
Pyrite	.....	5,700	.....
Other products*	5,643,869	67,164	2,033,760
Total	126,653,410	152,221,284	130,576,694

LEADING COAL-PRODUCING COUNTIES.

County.	Tons (1907).	Tons (1908).
Williamson	5,697,944	5,670,474
Sangamon	5,160,042	5,014,488
St. Clair	4,511,879	3,891,850
Macoupin	4,507,270	3,697,611
Madison	3,927,721	3,366,820
Saline	2,247,842	2,543,257
Vermilion	2,973,253	2,457,885
Franklin	1,306,966	2,187,383
Fulton	2,113,643	2,054,400
Perry	1,784,469	1,576,891
LaSalle	1,677,990	1,557,172
Bureau	2,010,762	1,512,972

*Includes in 1906: Coke with by-products, alum and aluminum sulphate, infusorial earth, sand-lime brick, Venetian red and white lead. In 1907: Infusorial earth, metallic paint, quartz, sienna, umber and sand-lime brick. In 1908: Coke and by-products, pyrite, sand-lime brick and natural cement.

POPULAR VOTE OF ILLINOIS (1880-1908).

Year. Office.	Rep.	Dem.	Pro.	Peo.	Soc.	Total.
1880—President	318,037	277,321	440	26,338	.....	622,306
1882—Treasurer	250,722	244,585	11,130	15,511	.....	521,948
1884—President	337,469	312,351	12,074	10,776	.....	672,670
1886—Treasurer	276,680	240,664	19,766	34,821	.....	572,986
1888—President	370,475	348,371	21,703	7,134	.....	747,683
1890—Treasurer	321,991	331,929	22,236	.....	.....	677,133
1892—President	399,288	426,281	25,871	22,207	.....	873,647
1894—Treasurer	455,788	321,551	19,460	60,067	.....	858,551
1896—President	607,130	464,523	9,796	1,090	1,147	1,090,766
1898—Treasurer	448,940	405,490	11,753	7,886	4,517	878,577
1900—President	597,985	503,061	17,626	1,141	11,060	1,131,897
1902—Treasurer	450,695	360,925	18,434	1,521	28,399	859,975
1904—President	632,645	327,606	34,770	6,725	73,923	1,076,499
1906—Treasurer	417,544	271,984	89,293	.....	45,862	824,583
1908—President	629,932	450,810	29,364	633	34,711	1,155,254

NOTE—In the above table the total vote includes the scattering vote for minor party candidates. The vote in the people's party column prior to 1890 is that cast for the greenback party and in 1888 for the labor party. The socialist vote as given includes that of the social labor and social democrat parties.

VOTE FOR ILLINOIS GOVERNORS, 1880-1908.

1880.
Shelby M. Cullom, Rep....314,565
Lyman Trumbull, Dem.....277,532
A. J. Streeter, Greenback.. 28,899

1884.
Richard J. Oglesby, Rep...334,234
Carter H. Harrison, Sr., D.319,635
Jesse Harper, Peo..... 8,605
James B. Hobbs, Pro..... 10,905

1888.
Joseph W. Fifer, Rep.....367,860
John M. Palmer, Dem.....355,313
David H. Harts, Pro..... 18,874
Willis W. Jones, U. L..... 6,394

1892.
John P. Altgeld, Dem.....425,558
Joseph W. Fifer, Rep.....402,686
Robert R. Link, Pro..... 24,808
Nathan Barnett, Peo..... 20,108

1896.
John R. Tanner, Rep.....587,627
John P. Altgeld, Dem.....474,256
George W. Gere, Pro..... 14,559
Wm. S. Forman, Gold D.. 8,102
C. A. Baustin, Soc. Lab... 985
J. W. Higgs, Nat..... 723

1900.
Richard Yates, Rep.....580,199
Samuel Alschuler, Dem....518,966
V. V. Barnes, Pro..... 15,643
Herman C. Perry, Soc. D.. 8,611
L. P. Hoffman, Soc. Lab... 1,319
A. C. Van Tine, Peo..... 1,106
L. G. Spencer, U. R..... 650
John Cordingly, U. C..... 334

1904.
Charles S. Deneen, Rep...634,029
Laurence B. Stringer, D...334,880
John Collins, Soc..... 59,062
Robert H. Patton, Pro..... 35,440
Philip Veal, Soc. Lab..... 4,379
James Hogan, Peo..... 4,364
A. G. Specht, Continental. 780

1908.
Charles S. Deneen, Rep....550,076
Adlai E. Stevenson, Dem...526,912
Daniel R. Sheen, Pro..... 33,922
James H. Brower, Soc..... 31,293
Gustav A. Jennings, Soc. L.. 1,526
George W. McCaskrin, Ind. 10,883

VOTES FOR STATE TREASURERS, 1880-1908.

(Minor candidates omitted.)

1880.
Edward Rutz, Rep.....317,872
Thos. Butterworth, Dem..276,670
J. W. Evans, Greenback.. 26,658

1882.
John C. Smith, Rep.....250,722
Alfred Orendorff, Dem.....244,585
Daniel McLaughlin, Gbk.. 15,511
John G. Irwin, Pro..... 11,130

1884.
Jacob Gross, Rep.....338,171
Alfred Orendorff, Dem.....313,400
B. W. Goodhue, Peo..... 10,451
Uriah Copp, Pro..... 11,119

1886.
John R. Tanner, Rep.....276,680
Henry F. J. Ricker, Dem..240,864
H. W. Austin, Pro..... 19,766
John Budlong, Un. Lab.... 34,701

1888.
Charles Becker, Rep.....369,981
Francis A. Hoffman, Jr., D.348,834
John W. Hart, Pro..... 21,174
Nathan Barnett, Un. Lab.. 7,491

1890.
Edwin S. Wilson, Dem.....331,837
Franz Amberg, Rep.....321,999
R. R. Link, Pro..... 22,306

1892.
Rufus N. Ramsay, Dem....425,855
Henry L. Hertz, Rep.....396,318
Thos. S. Marshall, Pro..... 26,426
John W. McElroy, Peo..... 21,579

1894.
Henry Wulff, Rep.....455,886
B. J. Claggett, Dem.....322,459
John Randolph, Peo..... 59,793
H. J. Puterbaugh, Pro..... 19,487

1896.
Henry L. Hertz, Rep.....589,816
Edw. C. Pace, Dem.-Peo..473,043
E. K. Hayes, Pro..... 11,849
Edward Ridgeley, Gold. D. 8,411

1898.
Floyd K. Whittemore, Rep.448,940
Millard F. Dunlap, Dem...405,490
John W. Hess, Pop..... 7,893
Wm. H. Boies, Pro..... 11,792

1900.
Moses O. Williamson, Rep.582,002
Millard F. Dunlap, Dem..508,720
Henry C. Tunison, Pro..... 16,618
Jacob Winnen, Soc. Dem.. 8,881

1902.
Fred A. Busse, Rep.....450,655
George Duddleston, Dem..360,925
Chas. H. Tuesburg, Pro.... 18,434
A. W. Nelson, Soc..... 20,167
Gottlieb Renner, Soc. Lab. 8,235

1904.
Len Small, Rep.....610,300
Chas. B. Thomas, Dem.....353,232
J. Ross Hanna, Pro..... 35,664
E. S. Tebbetts, Soc..... 62,848

1906.
John F. Smulski, Rep.....417,544
Nicholas L. Piotrowski, D.271,984
William P. Allin, Pro..... 89,293
Wilson E. McDermut, Soc. 42,005

1908.
Andrew Russel, Rep.....619,698
John B. Mount, Dem.....449,978
Albert S. Spalding, Pro.... 31,037
William Bross Lloyd, Soc.. 33,707

COOK COUNTY VOTE FOR SHERIFF AND STATE'S ATTORNEY (1898-1908).

1898—FOR SHERIFF.
E. J. Magerstadt, Rep.....156,591
George Kersten, Dem.....139,293
L. A. Shaw, Peo..... 2,255
G. W. Nance, Pro..... 1,605
August Klenkle, Soc. Lab.. 2,692

1900—FOR STATE'S ATTORNEY.
Charles S. Deneen, Rep...205,709
Julius Goldzier, Dem.....179,696
Walter Hawk, Pro..... 5,236
C. H. Becker, Peo..... 153
Thos. J. Morgan, Soc. Dem. 6,227

1902—FOR SHERIFF.
Daniel D. Healy, Rep.....135,036
Thomas E. Barrett, Dem..141,822
Joseph P. Tracy, Pro..... 4,840
Henry Sale, Soc. Lab..... 5,973
James P. Larsen, Soc..... 13,134
Thos. Donegan, Single Tax. 908

1904—FOR STATE'S ATTORNEY.
John J. Healy, Rep.....206,487
George A. Trude, Dem 132,811
M. C. Harper, Pro..... 5,630
Seymour Stedman, Soc..... 39,736
Henry Sale, Soc. Lab..... 2,547
L. A. Shaw, Peo..... 1,468

1906—FOR SHERIFF.
Christopher Strassheim, R.131,608
Harry R. Gibbons, Dem... 93,836
S. A. Wilson, Pro..... 3,745
James P. Larsen, Soc..... 26,055
Jas. J. Gray, Ind. League. 49,296
John Fitzpatrick, Prog. Al. 1,400

1908—FOR STATE'S ATTORNEY.
John E. W. Wayman, Rep..197,805
Jacob J. Kern, Dem.....146,133
William Street, Pro..... 45,528
Seymour Stedman, Soc.... 17,471
Charles H. Mitchell, Ind... 9,279

PRESIDENTIAL VOTE FROM 1884 TO 1908.

	Chicago.	Cook Co.
1884.		
James G. Blaine, Rep.	51,420	69,251
Grover Cleveland, Dem.	48,530	60,609
B. F. Butler, Greenback	540	810
John P. St. John, Pro.	484	997
1888.		
Benjamin Harrison, Rep.	60,102	85,307
Grover Cleveland, Dem.	63,706	84,491
Clinton B. Fisk, Pro.	1,308	2,577
Alson J. Streeter, Union Labor	255	303
R. H. Cowdrey, United Labor	126	140
1892.		
Grover Cleveland, Dem.	136,474	144,604
Benjamin Harrison, Rep.	100,849	111,254
James B. Weaver, Peo.	1,506	1,614
John Bidwell, Pro.	3,029	3,858
1896.		
William McKinley, Rep.	200,747	221,823
William J. Bryan, Dem.	144,736	151,910
Joshua Levering, Pro.	1,849	2,149
Charles E. Bentley, Nat.	141	163
Charles H. Matchett, Soc. Lab.	712	727
John M. Palmer, Gold Dem.	2,300	2,600
1900.		
William McKinley, Rep.	184,786	203,760
William J. Bryan, Dem.	177,165	186,193
John G. Woolley, Pro.	2,977	3,490
Wharton Barker, Peo.	185	211
Eugene V. Debs, Soc. Dem.	6,553	6,752
Joseph P. Malloney, Soc. Lab.	410	434
Seth W. Ellis, Union Reform	145	160
J. F. R. Leonard, United Chr.	130	134
1904.		
Theodore Roosevelt, Rep.	208,689	229,873
Alton B. Parker, Dem.	98,765	103,762
Silas C. Swallow, Pro.	4,652	5,290
Eugene V. Debs, Soc.	45,929	47,743
C. H. Corregan, Soc. Lab.	2,556	2,660
Thomas E. Watson, Peo.	3,155	3,323
Austin Holcomb, Cont.	288	319
1908.		
William H. Taft, Rep.	205,830	230,400
William J. Bryan, Dem.	143,544	152,990
Eugene Chafin, Pro.	4,982	5,965
Eugene V. Debs, Soc.	17,712	18,842
Thomas L. Hisgen, Ind.	5,633	5,994
Daniel B. Turney, U. Chr.	169	178
August Gillhaus, Soc. Lab.	616	649
Thomas E. Watson, Peo.	49	73

ILLINOIS STATE APPROPRIATIONS.

Assembly.	Amount.	Assembly.	Amount.	Assembly.	Amount.
28th—1873-1874	$6,648,187.67	35th—1887-1888	$7,940,412.69	41st—1899-1900	$12,499,655.57
29th—1875-1876	6,475,207.09	36th—1889-1890	7,396,737.30	42d—1901-1902	13,273,686.12
30th—1877-1878	6,562,653.47	37th—1891-1892	8,757,901.15	43d—1903-1904	15,467,316.00
31st—1879-1880	6,584,364.55	38th—1893-1894	9,032,514.49	44th—1905-1906	15,889,363.50
32d—1881-1882	6,605,399.61	39th—1895-1896	10,055,800.41	45th—1907-1908	20,208,146.00
33d—1883-1884	7,342,742.03	40th—1897-1898	11,178,902.00	46th—1909-1910	19,634,639.00
34th—1885-1886	7,776,458.54				

APPROPRIATIONS FOR 1909-1910.

	1909.	1910.
Agriculture, college of	$190,500	$190,500
Agriculture, county fairs	50,000	50,000
Agriculture, farmers' institutes	14,000	14,000
Agriculture, state board	21,820	21,820
Awards by court of claims	13,050	.....
Beekeepers' association	1,000	1,000
Canal commissioners, bridges	20,000	.....
Canal commissioners, Chicago river	15,000	.....
Charities, special	1,171,315	.....
Charities, ordinary	2,362,500	2,507,500
Dairymen's association	2,500	2,500
Educational, ordinary	340,000	340,000
Educational, special	155,926	.....
University of Illinois	1,116,500	791,000
Firemen's association	500	500
Fugitives from justice	15,000	.....
Funerals	683	.....
General assembly, employes, etc.	178,000	.....
General assembly, salaries*	2,200,000	.....
Grand Army of the Republic	2,000	2,000
Grant Home association	3,500	.....
Historical library	5,000	5,000
Horticultural society	5,000	5,000
Insurance department, safe	1,900	.....
Investigating commissions	72,296	.....
Live Stock Breeders' association	20,500	500
Milk Producers' institute	500	500
National guard and naval reserve	531,420	350,272
Penal and reformatory institutions	1,373,500	645,000
Patrick Henry portrait	1,000	.....
Poultry association	1,000	1,000
Printing, etc., deficiency	47,000	.....
Relief, A. W. Leidel	3,000	.....
Relief, earthquake sufferers, Italy	10,000	.....
Relief, Mrs. P. I. Zaabel	1,000	.....
State government expenses	2,665,787	2,086,850
Supreme court	5,000	.....
Vicksburg Military park	2,000	.....
Total†	12,619,697	7,014,942
Grand total†	19,634,639	

*Including state officials.

†Cents omitted from table.

In all cases where the appropriations were made to cover the two years without dividing the same so as to make them per annum appropriations they are placed in the first year column for the reason that all such appropriations became available July 1, 1909.

UNITED STATES SENATORS FROM ILLINOIS.

Name.	Term.	Name.	Term.	Name.	Term.
Ninian Edwards, Dem.	1818-1819	James Semple, Dem.	1843-1847	Shelby M. Cullom, Rep.	1883-1889
Jesse B. Thomas, Dem.	1818-1823	Stephen A. Douglas, Dem.	1847-1853	John A. Logan, Rep.	1885-1886
Ninian Edwards, Dem.	1819-1821	James Shields, Dem.	1849 1855	Chas. B. Farwell, Rep.	1887-1891
Jesse B. Thomas, Dem.	1823-1829	Stephen A. Douglas, Dem.	1853-1859	Shelby M. Cullom, Rep.	1889-1895
John McLean, Dem.	1824-1825	Lyman Trumbull,† Dem.	1855-1861	John M. Palmer, Dem.	1891-1897
Elias K. Kane, Dem.	1825-1831	Stephen A. Douglas, Dem.	1859-1861	Shelby M. Cullom, Rep.	1895-1901
John McLean, Dem.	1829-1830	Lyman Trumbull, Rep.	1861-1867	William E. Mason, Rep.	1897-1903
David J. Baker,* Dem.	1830-1830	O. H. Browning, Rep.	1861-1863	Shelby M. Cullom, Rep.	1901 1907
John M. Robinson, Dem.	1830-1835	Wm. A. Richardson, Dem.	1863-1865	Albert J. Hopkins, Rep.	1903-1909
Elias K. Kane, Dem.	1831-1835	Richard Yates, Rep.	1865-1871	Shelby M. Cullom, Rep.	1907-....
John M. Robinson, Dem.	1835-1841	Lyman Trumbull, Rep.	1867-1873	William Lorimer, Rep.	1909-....
Wm. L. D. Ewing, Dem.	1835-1837	John A. Logan, Rep.	1871-1877		
Richard M. Young, Dem.	1837-1843	R. J. Oglesby, Rep.	1873-1879		
Samuel McRoberts, Dem.	1841-1843	David Davis, Ind. Dem.	1877-1883		
Sidney Breese, Dem.	1843-1849	John A. Logan, Rep.	1879-1886		

*Appointed to serve unexpired term of McLean—one month.

†Anti-Nebraska democrat.

MANUFACTURES IN ILLINOIS.

[From reports of the bureau of the census.]

	1905.	1900.
Establishments	14,921	14,374
Capital	$975,844,799	$732,829,771
Salaried employes	54,521	40,964
Salaries	$60,559,678	$40,549,245
Wage earners	379,436	332,871
Wages	$208,405,468	$159,104,179
General expenses	172,185,567	118,047,771
Cost of materials	840,057,316	681,450,122
Value of products	1,410,342,129	1,120,268,308

SUMMARY OF LEADING INDUSTRIES (1905).

INDUSTRY.	Establishments.	Capital.	Wage earners.	Wages.	Cost of materials.	Value of products
Agricultural implements	82	$71,383,289	15,359	$8,851,404	$17,750,852	$38,412,452
Boots and shoes	44	3,656,671	3,947	1,865,319	5,656,109	9,026,238
Boxes, wooden packing	52	4,631,953	3,637	1,549,902	4,380,389	7,363,734
Bread and bakery products	1,406	13,515,431	7,415	4,115,443	14,279,499	26,145,472
Carriages and wagons	290	10,838,860	4,186	2,320,141	4,885,773	9,798,965
Cars, railroad	115	28,708,951	28,131	18,035,283	33,440,729	56,417,673
Cheese and butter	405	5,322,352	1,735	828,577	10,708,998	13,276,533
Clay products	480	19,596,095	7,879	4,296,138	2,437,581	10,802,721
Clothing	779	22,392,250	24,973	11,996,764	33,523,635	67,439,617
Coffee and spice roasting, etc	25	6,488,160	953	431,889	12,482,957	15,745,057
Confectionery	87	3,703,861	3,587	1,169,781	4,201,876	7,645,621
Electrical apparatus	104	21,644,783	6,131	3,208,435	7,649,446	16,700,027
Flour and grist mill products	363	14,128,467	2,410	1,210,865	34,929,657	39,892,127
Foundry and machine shop products	793	84,497,662	36,528	21,936,853	32,071,517	79,961,482
Furniture	202	16,936,222	12,266	6,637,897	9,549,259	22,131,846
Gas	64	97,119,203	2,964	1,695,472	4,519,400	16,007,519
Glucose	7	9,728,911	1,933	1,235,203	12,421,034	14,532,180
Iron and steel	27	58,538,650	18,358	11,468,957	57,655,185	87,352,761
Leather	28	11,649,246	2,770	1,326,440	8,173,788	10,758,196
Liquors, distilled and malt	127	44,458,860	4,725	3,411,482	11,677,815	77,888,841
Lumber and timber products	269	6,016,586	4,495	1,904,669	3,326,460	7,081,470
Lumber, planing mill products	270	11,002,842	6,994	3,969,618	10,514,845	18,296,035
Malt	21	13,525,509	502	378,063	6,702,702	8,539,870
Musical instruments	56	16,470,680	7,508	3,931,669	5,397,737	13,323,358
Paints	39	7,828,577	1,029	595,077	6,523,137	9,484,280
Patent medicines	220	5,582,845	1,380	578,932	2,442,029	10,667,467
Printing and publishing	2,289	38,478,147	20,178	12,294,261	15,395,833	57,518,082
Slaughtering	68	80,477,268	26,953	14,560,777	279,854,559	317,206,082
Soaps and candles	34	7,604,086	1,905	886,761	9,345,061	14,156,708
Tinsmithing, etc	273	25,951,373	5,056	2,735,812	8,253,676	14,246,180
Tobacco, cigars, etc	1,788	5,157,197	6,675	3,463,018	4,109,626	11,669,485
Wire	4	5,413,701	1,905	1,349,684	10,051,888	14,099,566
Total	10,851	772,448,691	274,467	154,226,586	684,313,052	1123587645
Total in 1900	10,414	591,306,152	240,797	118,318,447	546,387,589	882630656
Increase	437	181,142,539	33,670	35,908,139	137,925,463	240957289

MANUFACTURES IN ILLINOIS CITIES AND TOWNS (1905).

Alton	$8,696,814	Decatur	$8,667,302	Kankakee	$2,089,143
Aurora	7,329,028	East St. Louis	37,586,198	Kewanee	6,729,381
Belleville	4,356,615	Elgin	9,349,274	LaSalle	3,158,173
Bloomington	5,777,060	Evanston	2,650,529	Lincoln	784,248
Cairo	4,381,465	Freeport	3,109,302	Mattoon	1,308,781
Champaign	486,229	Galesburg	2,217,772	Moline	13,158,429
Chicago	965,036,277	Jacksonville	1,981,582	Ottawa	2,078,129
Danville	3,304,120	Joliet	33,788,700	Pekin	1,121,139
Peoria	$60,920,411				
Quincy	10,748,224				
Rockford	16,276,129				
Rock Island	5,332,967				
Springfield	5,796,637				
Streator	1,888,894				
Waukegan	3,961,513				

COAL INDUSTRY OF ILLINOIS.

Summary for year ended June 30, 1909.

Counties producing coal	55	Tons undercut by machines	16,407,692
Mines of all kinds	886	Tons mined by hand	32,756,018
New mines opened or mines reopened	81	Miners employed during year	50,834
Mines closed or abandoned	117	Other employes underground	13,788
Total output (tons of 2,000 lbs.)	49,163,710	Boys employed underground	1,752
Shipping or commercial mines	384	Employes above ground	6,288
Output of shipping mines, tons	47,958,562	Total number employes	72,733
Mines in local trade	502	Men employed at shipping mines	69,518
Output of local mines, tons	1,205,148	Persons at work underground	66,374
Total tons of mine-run coal	8,715,759	Persons at work on surface	6,359
Total tons of lump coal	21,680,602	Average price paid per gross ton for hand mining	$0.593
Total tons of egg coal	3,444,612	For machine mining	$0.46
Total tons of nut coal	2,944,036	Kegs of powder used	1,280,607
Total tons of pea coal	10,587,057	Men accidentally killed	213
Total tons of slack coal	1,791,644	Killed inside mines	199
Total tons shipped	43,894,902	Killed outside mines	14
Tons supplied locomotives at mines	1,023,294	Wives made widows	125
Tons sold to local trade	2,316,778	Children left fatherless	298
Tons consumed at plant	1,928,736	Men injured	894
Average days active operation	189	Gross tons mined to each life lost	230,816
Average value per ton, all grades, at shipping mines	$1.02	Number employes to each life lost	342
Aggregate home value total product	$50,303,757	Deaths per 1,000 men employed	2.9
Average value per ton, all grades, at all mines	$1.02	Tons mined to each man hurt	54,993
Mines using mining machinery	107	Number employes to each man hurt	93
Mining machines in use	1,246	Number injured to 1,000 employed	10.7

ILLINOIS COUNTY OFFICERS.

County.	County seat.	County and Probate judges.	County clerk.	Circuit clerk and recorder.
Adams	Quincy	Lyman McCarl	John A. Connery	Erde W. Beatty
				J. M. Buffinton, R.
Alexander	Cairo	Wm. S. Dewey	Jesse E. Miller	Alfred Brown
Bond	Greenville	Wm. H. Dawdy	W. E. Caslin	J. F. Johnston
Boone	Belvidere	Wm. C. DeWolf	William Bowley	A. C. Fassett
Brown	Mount Sterling	W. Y. Baker	William C. Perry	E. B. Glaze
Bureau	Princeton	Joe A. Davis	James Fletcher	Henry Fuller
Calhoun	Hardin	C. E. Cooke	John Day, Jr.	W. D. Godar
Carroll	Mount Carroll	J. D. Turnbaugh	A. B. Adams	V. Boerner
Cass	Virginia	Charles A. E. Martin	Louis C. Skiles	L. D. Springer
Champaign	Urbana	William G. Spurgin	Fred Hess	J. P. Porter
Christian	Taylorville	Charles A. Prater	Henry J. Burke	J. A. Foil
Clark	Marshall	H. R. Snaveley	W. F. Martin, Jr.	Daniel Emerson
Clay	Louisville	A. N. Tolliver	Samuel A. Stanford	L. J. Maxwell
Clinton	Carlyle	James Allen	Adam Junker	H. H. Schlarmann
Coles	Charleston	John P. Harragh	George S. Boulware	Bert B. Cole
Cook	Chicago	John E. Owens	R. M. Sweitzer	J. E. Bidwill, Jr.
		C. S. Cutting, P.	J. A. Cervenka, P.	Abel Davis, R.
Crawford	Robinson	J. C. Maxwell	Charles V. Coulter	Ira W. Wilkin
Cumberland	Toledo	S. B. Rariden	Philip Meyer	Charles Cox
DeKalb	Sycamore	W. L. Pond	S. M. Henderson	Walter M. Hay
DeWitt	Clinton	Fred C. Hill	E. F. Campbell	F. E. Harrold
Douglas	Tuscola	W. J. Dolson	Charles A. Hawkins	H. B. Morgan
DuPage	Wheaton	Charles D. Clark	H. F. Lawrence	Thomas M. Hull
Edgar	Paris	W. S. Lamon	Harry Moss	James Marley
Edwards	Albion	Peter C. Walters	Arch C. Smith	Allen E. Walker
Effingham	Effingham	Barney Overbeck	Calvin C. Loy	J. G. Habing
Fayette	Vandalia	John H. Webb	George A. Brown	Otto G. Casey
Ford	Paxton	M. L. McQuiston	L. D. Jackson	T. D. Thompson
Franklin	Benton	Thomas J. Layman	William D. Seeber	J. J. Hill
Fulton	Lewistown	Hobart S. Bayd	Austin Onion	Eugene Whiting
Gallatin	Shawneetown	H. P. Bogarth	Henry G. Sanks	James G. Gregg
Greene	Carrollton	Thos. Henshaw	Thomas D. Doyle	J. W. Farrelly
Grundy	Morris	George Bedford	George W. Anderson	F. S. Johnson
Hamilton	McLeansboro	Isaac H. Webb	L. E. Lambert	Frank Porter
Hancock	Carthage	J. Arthur Baird	Frank Thornber	E. O. Reaugh
Hardin	Elizabethtown	J. H. Ferrell	E. M. Smock	Arthur C. Birch
Henderson	Oquawka	R. F. Robinson	J. J. Barnes	W. P. Martin
Henry	Cambridge	L. E. Telleen	Elmer E. Fitch	J. A. Horberg
Iroquois	Watseka	John H. Gillan	Clarence South	Fred Benjamin
Jackson	Murphysboro	W. F. Ellis	James W. Browne	.....
Jasper	Newton	H. M. Kasserman	H. K. Powell	W. E. Trainor
Jefferson	Mount Vernon	A. D. Webb	John G. Young	Burrell Hawkins
Jersey	Jerseyville	H. W. Pogue	John C. McGrath	J. J. McGready
Jo Daviess	Galena	John C. Boevers	E. J. Menyemer	H. L. Heer
Johnson	Vienna	J. F. Higit	E. F. Throgmorton	Grant McFatridge
Kane	Geneva	F. G. Plain	William F. Lynch	J. L. Johnson
		John H. Williams, P.	M. J. Beverly, P.	Frank E. George, R.
Kankakee	Kankakee	A. W. Deselm	J. B. Flageole	Luther B. Bratton
Kendall	Yorkville	C. S. Williams	Edward Budd, Jr.	Avery N. Beebe
Knox	Galesburg	R. C. Rice	Frank L. Adams	C. H. Westerberg
Lake	Waukegan	Perry L. Persons	A. L. Hendee	L. O. Brockway
LaSalle	Ottawa	W. H. Hinebaugh	A. E. Back	J. L. Witzeman
		A. T. Lardin, P.	J. N. St. Clair, P.	J. F. Buchner, R.
Lawrence	Lawrenceville	J. A. Benson	George A. Brookhart	O. H. Hedden
Lee	Dixon	Robert H. Scott	W. C. Thompson	W. B. McMahan
Livingston	Pontiac	W. C. Graves	William W. Kenny	J. G. Whitson
Logan	Lincoln	D. McCormick	X. F. Beidler	G. F. Thompson
Macon	Decatur	O. W. Smith	M. E. Peniwell	John Allen
Macoupin	Carlinville	Truman A. Snell	W. C. Seehausen	Thomas Cain
Madison	Edwardsville	J. E. Hillskotter	Harry J. Mackinaw	J. A. Barnett
		J. P. Strenber, P.		C. H. Kunneman, R.
Marion	Salem	Charles E. Jennings	Robert J. Branson	John M. Shultz
Marshall	Lacon	Dan H. Gregg	Thomas A Connell	William L. Wescott
Mason	Havana	Jas. A. McComas	A. F. Terrell	C. E. Walsh
Massac	Metropolis	W. F. Smith	George C. Schneeman	Colfax Morris
McDonough	Macomb	C. G. Gumbart	J. H. Foster	H. E. Billings
McHenry	Woodstock	D. T. Smiley	Guy E. Still	Theodore Hamer
McLean	Bloomington	Homer W. Hall	P. A. Guthrie	James C. Elder
				N. B. Carson, R.
Menard	Petersburg	G. E. Nelson	A. W. Hartley	Ross A. Nance
Mercer	Aledo	H. E. Burgess	F. A. Gibson	S. A. Nelson
Monroe	Waterloo	Louis Arns	Henry Eisenbart	Louis A. Wiehl
Montgomery	Hillsboro	J. L. Dryer	A. N. Banes	Hugh Hall
Morgan	Jacksonville	Edward P. Brockhouse	C. A. Boruff	John A. Rawlings
Moultrie	Sullivan	Isaac Hudson	Cash W. Green	E. A. Silver
Ogle	Oregon	Frank E. Reed	R. F. Adams	.....
Peoria	Peoria	W. L. Slemmons	O. Heinrich	R. A. Kellogg
		L. O. Eagleton, P.	C. A. Roberts, P.	H. G. Wasson, R.
Perry	Pinckneyville	M. C. Cook	H. R. Sims	Charles H. S. Ross
Piatt	Monticello	E. J. Hawbaker	Harvey Fay	B. G. Duncan
Pike	Pittsfield	Paul F. Grote	W. S. Binns	Henry Bowers
Pope	Golconda	W. A. Whiteside	Joseph Lay	Tony R. Kerr
Pulaski	Mound City	W. A. Wall	Roy N. Adams	E. P. Easterday
Putnam	Hennepin	Henry C. Mills	Charles C. Greiner	J. L. Downey
Randolph	Chester	W. M. Schuwerk	William R. Karsteeter	William G. Beever

County.	County seat.	County and Probate judges.	County clerk.	Circuit clerk and recorder.
Richland	Olney	Stephen C. Lewis	I. C. Head	A. Kaufman
Rock Island	Rock Island	Robert W. Ohnsted B. S. Bell, P.	H. B. Hubbard	G. W. Gamble
Saline	Harrisburg	K. C. Ronalds	J. W. Davis	Isaac R. Tuttle
Sangamon	Springfield	J. B. Weaver C. H. Jenkins, P.	Charles W. Byers	S. T. Jones Benjamin Rich, R.
Schuyler	Rushville	John C. Work	Isaac Lewis	C. W. Worthington
Scott	Winchester	F. C. Funk	John R. King	J. W. Kellem
Shelby	Shelbyville	J. K. P. Griden	J. T. Zimmer	E. E. Herron
Stark	Toulon	B. F. Thompson	William E. Nixon	E. R. Redfield
St. Clair	Belleville	John B. Hay Frank Perrin, P.	E. F. Winkler	Smith Myers
Stephenson	Freeport	A. J. Clarity	L. P. Mellon, P.	William Metzger, R.
Tazewell	Pekin	Jesse Black, Jr.	F. C. Held	William A. Stevens
Union	Jonesboro	M. C. Crawford	E. L. Bergstresser	E. L. Meyers
Vermilion	Danville	Lawrence T. Allen Clinton C. Abernethy, P.	C. L. Kimmel	H. C. Sifford
Wabash	Mount Carmel	John A. Loop	Thomas J. Dale	Ben G. Seibert W. H. Carter, R.
Warren	Monmouth	L. E. Murphy	James A. Carlton	G. L. Hockgeiger
Washington	Nashville	W. P. Green	F. W. Bateman	M. C. Porter
White	Carmi	J. C. Kern	H. F. Heckert	Thomas J. Vernon
Wayne	Fairfield	Virgil W. Mills	O. C. Johnson	William L. Grubb
Whiteside	Morrison	W. A. Blodgett	Matthew Martin	William Poynton
Will	Joliet	G. J. Cowing J. B. Fithian, P.	W. C. Stilson	W. C. Stilson
Williamson	Marion	W. F. Slater	Edward G. Young	L. H. Piepenbrink W. W. Smith, R.
Winnebago	Rockford	L. M. Reckhow	John M. Dodd	L. B. Pulley
Woodford	Eureka	Arthur C. Ford	M. A. Norton	L. F. Lake
			Joseph Hertschuh	L. H. Van Alstine

P.—Probate. R.—Recorder.

ILLINOIS COUNTY OFFICERS.—Continued.

County.	Treasurer.	Sheriff.	State's attorney.	Sup't schools.
Adams	Joseph L. Thomas	Joseph H. Lipps	John T. Gilmer	John H. Steiner
Alexander	William D. Lippett	A. S. Fraser	Alex Wilson	Fanny P. Hacker
Bond	Joseph M. Brown	Shelby W. Robinson	W. H. Hubbard	H. A. Meyer
Boone	C. W. Watson	William E. Gorman	P. H. O'Donnell	Elizabeth B. Harvey
Brown	H. Bond	James V. Logan	O. T. Briggs	C. W. Sellars
Bureau	H. C. Smith	Charles Beyer	L. M. Eckert	George V. Smith
Calhoun	William Fulkerson	Peter A. Goturay	Thomas J. Selby	S. J. Sibley
Carroll	David B. Doty	W. F. Williams	F. J. Stransky	John Hay
Cass	James R. Sligh	E. P. Widmayer	A. T. Lucas	Henry Jacobs
Champaign	L. N. Bear	George W. Davis	F. A. Coggeshall	C. H. Watts
Christian	Joseph Brockamp	James R. Smith	Arthur Yockey	Henry L. Fowkes
Clark	A. M. Farman	Jesse Gallatin	Everett Connelly	H. W. Drake
Clay	W. J. Holaday	W. H. Thrash	John W. Thomason	G. O. Lewis
Clinton	J. M. Krebs	William Ragen	Hugh V. Murray	William Johnston
Coles	Frank F. Freeman	Vincent Aye	R. G. Hammond	W. Ed Miller
Cook	W. L. O'Connell	M. Zimmer	J. E. W. Wayman	E. J. Tobin
Crawford	E. G. Stifle	H. E. Highsmith	Manford E. Cox	H. E. Green
Cumberland	Jacob C. Lyons	Col. S. Young	W. C. Greathouse	J. W. Castelo
DeKalb	Edward Johnson	Frank C. Poust	E. M. Burst	W. W. Coultas
DeWitt	William M. Price	William H. Armstrong	V. F. Browne	John L. Costley
Douglas	G. R. Duncan	C. G. Stovall	J. M. Newman	E. E. Gere
DuPage	Frank J. Knight	A. A. Kuhn	C. W. Hadley	R. T. Morgan
Edgar	A. E. Woods	J. I. Blackman	Richard S. Dyas	George W. Brown
Edwards	Nathan C. Smith	W. S. Rothrock	S. E. Quindry	W. H. Siefferman
Effingham	John Shea	Matt Taber	R. C. Harrah	J. W. Davis
Fayette	Charles E. Yakel	L. J. Browning	W. P. Welker	Frank C. Crawford
Ford	J. H. Nelson	M. Bristle	O. H. Wylie	H. M. Rudolph
Franklin	J. A. McClintock	John A. Vaughn	G. A. Hickman	C. W. Mundell
Fulton	Butler Fouts	W. H. Roy	W. S. Jewell	M. M. Cook
Gallatin	E. A. Harrell	W. P. Clayton	T. H. Daily	J. B. Boswell
Greene	B. W. Greer	John B. Morrow	Mark Meyerstein	G. B. McClelland
Grundy	A. H. Gleghorn	J. H. Francis	Charles F. Hanson	C. H. Root
Hamilton	G. W. Mason	A. S. Crouse	J. H. Lane	W. W. Daily
Hancock	Charles S. Tyler	Elmer E. McAdams	Clyde P. Johnson	Stephen D. Faris
Hardin	W. T. Lamar	J. T. Kibler	Noah Gullett	Hattie M. Rittenhouse
Henderson	James E. Amerman	R. T. McDill	James W. Gordon	Mrs. Della Yeomans
Henry	Charles A. Kellogg	Samuel Wilson	Charles F. Sturtz	A. L. Odenweller
Iroquois	George P. Heikes	James F. Ireland	J. J. Pallisard	F. A. Gilbreath
Jackson	H. D. Lee	Charles T. Edwards	Isaac K. Levy	A. J. Rendelman
Jasper	Taylor Randolph	William Pippin	Charles D. Fithian	Milo D. Yelvington
Jefferson	D. C. Youngblood	W. S. Payne	George L. Ore	A. E. Summers
Jersey	Richard Kiely	A. R. Chappell	Walter J. Chapman	J. W. Roberts
Jo Daviess	J. A. Bingham	J. R. Henderson	Frank T. Sheean	Benjamin L. Birkbeck
Johnson	Harry V. Carter	John L. Veach	T. H. Sheridan	Emma Robinson
Kane	John Evans	C. T. McBriarty	William J. Tyers	Edw. Ellis
Kankakee	Robert A. Hewett	Daniel G. Lee	J. B. Miller	S. D. Saltsgiver
Kendall	A. P. Hill	Robert Irwin	Oliver A. Burkhart	A. D. Curran
Knox	George J. Eastes	Frank F. Seaman	A. J. Boutelle	W. F. Boyes
Lake	Carl P. Westerfield	Omer J. Green	Ralph J. Dady	T. A. Simpson
LaSalle	Edward Zilm	J. G. Mischke	Charles S. Cullen	W. R. Foster
Lawrence	John P. Marlin	W. A. Cochran	B. O. Summers	R. R. Kimmell
Lee	Frank C. Vaughan	C. E. Reid	Harry Edwards	L. M. Miller
Livingston	L. S. Henderson	W. A. Patterson	B. W. Adsit	W. E. Herbert
Logan	T. F. Holmes	David Devine	Everett Smith	D. F. Nichols
Macon	James T. Lebo	J. P. Nicholson	William E. R[illegible]n	Mary W. Moore
Macoupin	S. T. Carmody	Elmo Etter	James H. Mu[illegible]	R. C Moore

County.	Treasurer.	Sheriff.
Madison	Fred A. Eisele	Simon Henry
Marion	J. T. Arnold	Charles W. Vursell
Marshall	Charles R. Scoon	Charles F. Motter
Mason	Adolph Schill	A. A. Brookes
Massac	Elmer Brown	Oscar Miller
McDonough	John E. Lane	A. P. McKee
McHenry	Arthur R. Crissey	A. H. Henderson
McLean	P. M. Stubblefield	James Reeder
Menard	R. W. Boeker	T. E. Courtwright
Mercer	Samuel S. Johnston	C. A. Hickok
Monroe	Andrew Lutz	A. C. Rexroth
Montgomery	C. E. Landers	M. T. Kiggins
Morgan	Jerry Cox	W. B. Rogers
Moultrie	G. A. Daugherty	Warren M. Fleming
Ogle	C. M. Myers	W. B. Delaney
Peoria	Lewis M. Hines	F. G. Minor
Perry	William Brey	S. T. Duncan
Piatt	O. L. Cline	F. D. Duvall
Pike	Hayes Colvin	David F. Allen
Pope	Thomas Phelps	H. G. McCormick
Pulaski	R. J. Caster	C. E. Wehrenberg
Putnam	H. E. Raley	Jasper Cecil
Randolph	Robert M. Boyd	H. S. Burbes
Richland	F. W. Schilt	E. W. Houser
Rock Island	W. H. Whiteside	O. L. Bruner
Saline	J. Lusk	J. Mooneyham
Sangamon	Charles H. Edmunds, Jr.	Henry Mester
Schuyler	A. C. Edgar	Harry Pratt
Scott	W. A. Funk	John E. Coulton
Shelby	William Klauser	F. D. Crook
Stark	E. G. Williamson	Thomas J. Malone
St. Clair	Paul W. Abt	W. Mulconnery
Stephenson	B. G. Cooper	W. C. Milner
Tazewell	E. J. Kraeger	Jas. A. Norris
Union	Thomas C. Ury	G. H. Huggins
Vermilion	O. B. Wysong	John T. Shepard
Wabash	C. Buchanan	B. F. Moore
Warren	W. E. Stevenson	W. T. Fitzpatrick
Washington	H. W. Finke	H. F. Vogelpohl
Wayne	William M. Daubo	George H. Anderson
White	Jess Grisson	C. N. Frazier
Whiteside	A. E. Parmenter	J. F. Wahl
Will	W. W. Gifford	Thomas Stevenson
Williamson	W. T. Harris	W. L. Duncan
Winnebago	Frank A. Carson	H. W. Young
Woodford	E. C. Engel	John E. Woltzen

State's attorney.	Sup't schools.
J. F. Gilham	J. U. Uzzel
W. D. Farthing	J. F. Hickman
H. E. Jacobs	E. F. Perry
E. P. Nischwitz	J. A. Mehlhop
Fred Smith	W. A. Spence
T. H. Miller	B. E. Decker
David B. Joslyn	A. M. Shelton
William R. Bach	B. C. Moore
Julian H. Hall	Eva B. Batterton
John M. Wilson	C. L. Gregory
Roy E. Gauen	J. W. Jackson
H. C. Stuttle	John W. Harp
Robert Tilton	H. C. Montgomery
J. K. Martin	Van D. Roughton
W. J. Emerson	John E. Cross
Robert Scholes	John A. Hayes
Alva R. Dry	Elmo Lee
William A. Doss	C. McIntosh
George C. Weaver	D. P. Hollis
George B. Baker	R. R. Randolph
Fred Hood	Miss May S. Hawkins
James E. Taylor	George W. Hunt
John W. Tweed	William F. Stine
W. J. McCann	E. Van Arsdell
L. M. Magill	S. J. Ferguson
W. C. Kane	R. E. Rhine
Edmund Burke	E. C. Pruitt
H. H. Brown	George R. Hermetel
R. M. Riggs	J. C. Moore
Fred E. Latch	Lee W. Fraser
James H. Rennick	George C. Baker
F. J. Tecklenburg	W. A. Hough
L. H. Burrell	Cyrus Grove
W. J. Reardon	A. M. Wells
W. D. Lyerle	William O. Brown
J. H. Lowman	O. P. Haworth
Harry M. Phipps	S. A. Mayne
George C. Hillyer	J. D. Regan
J. P. Carter	Robert Pence
H. S. Burgess	W. G. Cisne
W. L. Martin	V. W. Smith
J. J. Ludens	B. F. Hendricks
George A. Barr	William H. Nevens
D. T. Hartwell	R. O. Clarida
H. B. North	O. J. Kern
Orman Ridgely	Roy L. Moore

ILLINOIS EMPLOYERS' LIABILITY COMMISSION.

Under the law, approved March 4, 1910, creating an employers' liability commission, Gov. Deneen on March 15 appointed the following as members: Representing employes—Patrick Carr, Ladd; George Golden, Chicago; M. J. Boyle, Chicago; Daniel J. Gorman, Peoria; John Flora, Chicago; Edwin R. Wright, Chicago. Representing employers—P. A. Peterson, Rockford; Charles Piez, Chicago; E. T. Bent, Chicago; Ira G. Rawn, Chicago; Robert E. Conway, East St. Louis; Mason B. Starring, Chicago.

The duty of the commission was to investigate the problems of industrial accidents, and especially the present condition of the law of liability for injuries or death suffered in the course of industrial employment and the best method of providing for compensation. It was required to present its conclusion and recommendations to the governor by Sept. 15, 1910. The condition was made, however, that the commission should report only such recommendations as should be agreed upon by a majority of that part of the commission representing the employers and a majority of the part representing the employes.

The commission made the investigation required by the act, held a number of public meetings and drew up a bill "for an act to promote the general welfare of the people of this state by providing compensation for accidental injuries or death caused in the course of employment." On the final vote, however, the bill failed to receive the assent of a majority on each side and was therefore not formally submitted to the governor, though included in the commission's report. Some of the employers objected to the amount of compensation and the pension plan in cases of permanent and total disability. M. J. Boyle and John C. Flora, representing the employes, declined to sign any compensation act because in their opinion an act of that kind should be preceded by a modification of the laws known as "the fellow servant rule," "assumption of risk" and "contributory negligence," which they claimed unduly favored the employers.

While the commission failed in accomplishing the purpose for which it was created, it gathered a mass of statistics relating to industrial accidents in America and Europe. These were set forth in a printed report signed by Messrs. Piez, Jackson, Starring, Conway, Peterson and Bent and submitted to the governor. One table showed that in 620 cases of fatal accidents to employes in various parts of Illinois, 281 were settled out of court with an aggregate compensation of $32,451; 111 cases were pending in the courts and in 204 cases no recovery of any kind was made.

"But this outline, convenient for certain purposes, scarcely hints at the situation which the commission found," says the report. "It gives no idea of the suffering and hardship which our investigations disclosed; it tells nothing of the long and tedious fights of the inequitable verdicts, the delays and uncertainties of the law; it scarcely suggests the unequal character of the struggle between the claim agents and the families of the deceased breadwinners. Almost every individual case investigated reflected some aspect or other of this sort, driving home to the members of the commission the conviction that the present system is unjust, haphazard, inadequate and wasteful, the cause of enormous suffering, of much disrespect for law and of a badly distributed burden upon society."

ILLINOIS STATE ASSOCIATIONS.

Anti-Saloon League—President, Sam T. Brush, Carbondale; secretary, Dr. F. H. Mahle, Pekin.
Association of County Superintendents—President, S. D. Wiser, Carthage; secretary, William Ehrler, Galena.
Bankers' Association—President, E. E. Crabtree, Jacksonville; secretary, R. L. Crampton, Chicago.
Bar Association—President, William R. Curran, Pekin; secretary, John F. Voight, Mattoon.
Charities and Corrections Conference—President, Sherman C. Kingsley, Chicago; secretary, A. L. Rowan, Springfield.
Civil Service Association—President, Charles L. Capen, Bloomington; secretary, Herbert E. Fleming, 924, 204 Dearborn street, Chicago.
Congress of Mothers—President, Mrs. L. K. Gillson, Wilmette; secretary, Mrs. C. W. Blodgett, Chicago.
Equal Suffrage Association—Mrs. Ella S. Stewart, Chicago; corresponding secretary, Miss S. Grace Nicholes, 6710 May street, Chicago.
Federation of Women's Clubs—President, Mrs. Frances D. Everett, Highland Park; corresponding secretary, Mrs. Edward L. Murfey, 4454 Sidney avenue, Chicago.
Humane Society—President, Walter Butler; secretary, George A. H. Scott; office, 560 Wabash avenue, Chicago.
Illinois Tax Reform Association—President, Herbert Miller, Chicago; secretary-treasurer, Maxwell Edgar, Chicago.
Mayors' Association—President, Joseph E. Paden, Evanston; secretary, George H. Andersen, Elgin.
National Civic Federation (Illinois branch)—President, Dr. Abram W. Harris, Evanston; corresponding secretary, Donald Richberg, Chicago.
Postmasters' Association—President, D. A. Campbell, Chicago; secretary, A. C. Hammens, Elgin.
Postoffice Clerks—President, Guy C. Lakin, Streator; secretary, George Selleck, Rockford.
Press Association—President, J. M. Sheets, Oblong; secretary, J. M. Page, Jerseyville.
State Association for the Prevention of Tuberculosis—President, Dr. W. A. Evans, Chicago; secretary, Frank E. Wing, Chicago.
State Dental Association—President, Donald M. Gallie, Chicago; secretary, J. F. Waltz, Decatur.
State Historical Society—Secretary-treasurer, Mrs. Jessie Palmer Weber, Springfield.
State Library Association—President, Henry E. Legler, Chicago; secretary, F. K. W. Drury, Urbana.
State Medical Association—President, A. C. Cotton, Chicago; secretary, Dr. E. W. Weiss, Ottawa.
State Teachers' Association—President, Ella Flagg Young, Chicago; secretary, Caroline Grote, Macomb
State's Attorneys' Association—President, John E. W. Wayman, Chicago; secretary, Walter J. Chapman, Jerseyville.
Woman's Christian Temperance Union—President, Mrs. Mary E. Kuhl, Chicago; corresponding secretary, Miss Helen Hood, Chicago.

EQUALIZED ASSESSMENT OF ILLINOIS PROPERTY.

YEAR.	Real estate.	Personal property	Railroad property.	Total valuation.*	Tax rate per $100.
1840	.....	.....	.....	$58,752,168	$0.20
1850	$86,532,237	$33,335,799	.....	119,868,336	.58
1860	266,258,155	88,854,115	$12,085,472	367,227,742	.67
1870	347,876,630	113,545,227	19,242,141	480,664,058	.65
1880	573,404,141	165,846,934	47,365,259	786,616,394	.36
1890	587,045,389	149,158,000	72,689,396	808,892,782	.36
1900	569,619,469	162,235,264	77,878,672	809,733,405	.50
1901	689,210,143	223,736,346	86,285,340	999,231,829	.50
1902	710,571,904	231,350,427	88,270,104	1,030,292,435	.40
1903	758,249,645	234,133,427	90,669,907	1,083,050,979	.52
1904	763,260,719	226,356,632	90,854,641	1,082,744,083	.55
1905	771,040,262	213,970,049	93,634,247	1,095,681,557	.50
1906	783,081,075	228,171,948	95,131,416	1,126,663,157	.50
1907	891,802,748	246,819,650	100,161,503	1,251,974,306	.50
1908	894,231,942	245,067,647	104,743,848	1,263,500,487	.50
1909	1,508,984,520	435,610,615	175,683,593	2,158,698,450	.35
1910	1,532,525,070	467,482,556	177,217,518	2,199,701,976	.30

*Includes assessment on capital stock of railroads and other corporations.

Note—The assessed value is one-third of actual value. Prior to 1909 it was one-fifth. In 1910 the assessment on lands was $655,931,832; on lots, $876,593,238; railroad capital stock, $2,684,111; other capital stock, $80,265,148; electric roads, $14,507,628. The total full value of all classes of property in Illinois in 1910 was $6,599,105,928, as against $6,476,095,350 in 1909.

ILLINOIS PAROLE LAW INVALID.

The Illinois Supreme court in a decision announced Feb. 16, 1910, held the parole law passed by the legislature in 1899 to be unconstitutional. Section 16 of article 4 of the constitution provides that "bills making appropriations for the pay of members and officers of the general assembly and for the salaries of the officers of the government shall contain no provision on any other subject." Section 11 of the act creating the parole system provided that "there shall be allowed to each member of the board of pardons the sum of $1,500 per year to compensate him for services performed under this act, said sum to be payable monthly on certificates of the board, approved by the governor and payable out of any money in the treasury not otherwise appropriated." As members of the board of pardons are officers of the government, and as the appropriation for their salaries was placed in an act containing provisions on another subject, the conflict with the constitution was held to be fatal, making the whole act void.

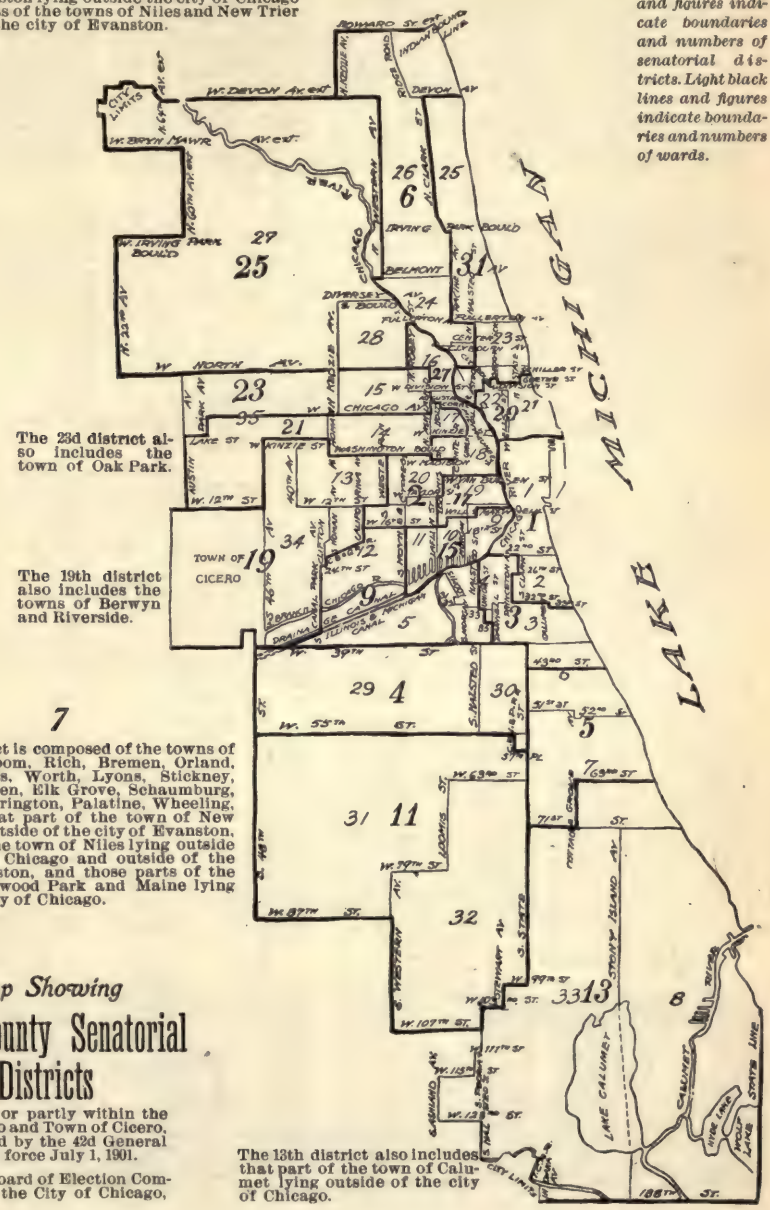
GARNISHMENT LAW OF ILLINOIS.

Section 14 of the act of 1872 as amended in 1897 and 1901 declares: "The wages for services of a wage earner who is the head of a family and residing with the same, to the amount of fifteen ($15) dollars per week, shall be exempt from garnishment. All above the sum of fifteen ($15) dollars per week shall be liable to garnishment."

Employers are obliged to pay wages amounting to $15 or less, notwithstanding the service of a writ of garnishment, providing the person to whom wages are due makes affidavit that he is the head of a family and is living with the same.

The 6th district also includes all that part of the town of Evanston lying outside the city of Chicago and those parts of the towns of Niles and New Trier lying within the city of Evanston.

Heavy black lines and figures indicate boundaries and numbers of senatorial districts. Light black lines and figures indicate boundaries and numbers of wards.



The 23d district also includes the town of Oak Park.

The 19th district also includes the towns of Berwyn and Riverside.

7

The 7th district is composed of the towns of Thornton, Bloom, Rich, Bremen, Orland, Lemont, Palos, Worth, Lyons, Stickney, Proviso, Leyden, Elk Grove, Schaumburg, Hanover, Barrington, Palatine, Wheeling, Northfield; that part of the town of New Trier lying outside of the city of Evanston, that part of the town of Niles lying outside of the city of Chicago and outside of the city of Evanston, and those parts of the towns of Norwood Park and Maine lying outside the city of Chicago.

The 13th district also includes that part of the town of Calumet lying outside of the city of Chicago.

Map Showing

Cook County Senatorial Districts

Lying wholly or partly within the City of Chicago and Town of Cicero, as Apportioned by the 42d General Assembly. In force July 1, 1901.

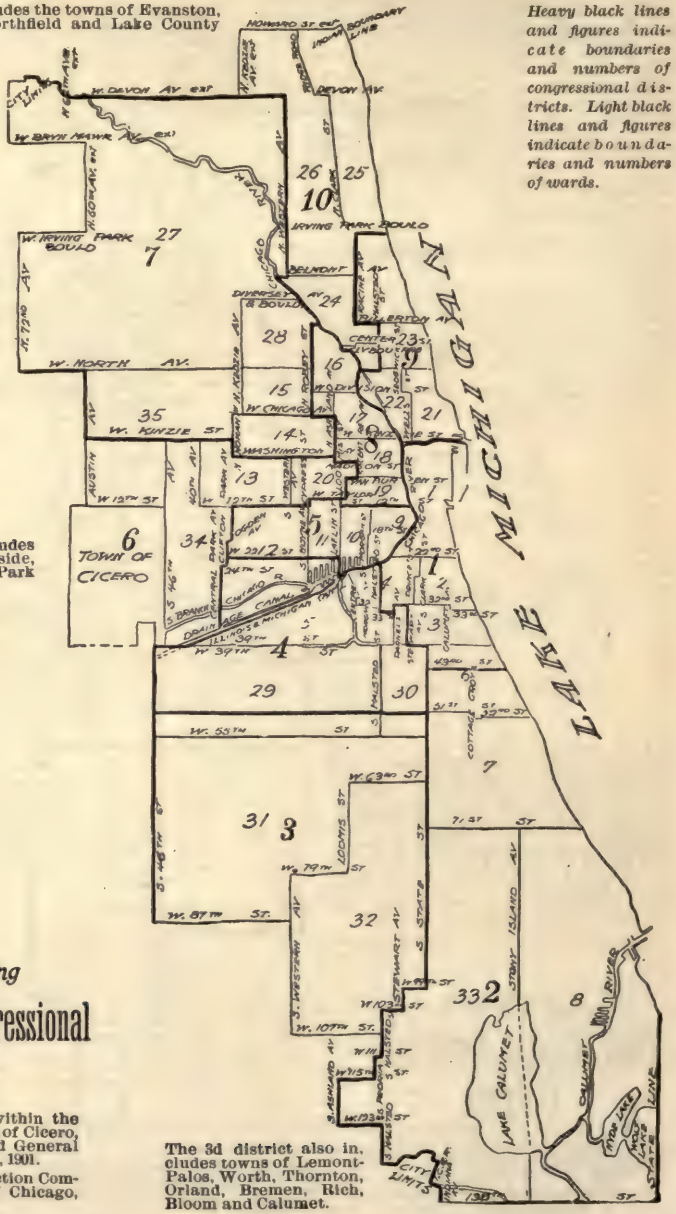
[Issued by Board of Election Commissioners of the City of Chicago, April, 1902.]

The 10th district also includes the towns of Evanston, Niles, New Trier and Northfield and Lake County

Heavy black lines and figures indicate boundaries and numbers of congressional districts. Light black lines and figures indicate boundaries and numbers of wards.

The 7th district also includes towns of Hanover, Schaumburg, Elk Grove, Maine, Leyden, Barrington, Palatine, Wheeling and Norwood Park.

The 6th district also includes towns of Proviso, Riverside, Stickney, Lyons, Oak Park and Berwyn.



Map Showing

Cook County Congressional Districts

Lying wholly or partly within the City of Chicago and Town of Cicero, as Apportioned by the 42d General Assembly. In force July 1, 1901.

[Issued by Board of Election Commissioners of the City of Chicago, April, 1902.]

The 3d district also includes towns of Lemont, Palos, Worth, Thornton, Orland, Bremen, Rich, Bloom and Calumet.

COOK COUNTY OFFICIALS.

Gentzel Photo.
PETER BARTZEN,
Pres. County Board.

Morrison Photo.
W. L. O'CONNELL,
Treasurer.

Walinger Photo.
R. M. SWEITZER,
County Clerk.

Huszagh Photo.
MICHAEL ZIMMER,
Sheriff.

Moffett Studio.
JOHN E. W. WAYMAN,
State's Attorney.

Matzene Photo.
ABEL DAVIS,
Recorder.

Koehne Photo.
ROY O. WEST,
Board of Review.

Morrison Photo.
E. J. TOBIN,
County Supt. Schools.

Monfort Photo.
THOMAS J. WEBB,
Board of Review.

Moffett Studio.
F. W. UPHAM,
Board of Review.

WM. H. WEBER,
Board of Assessors.

W. E. SCHMIDT,
Board of Assessors.

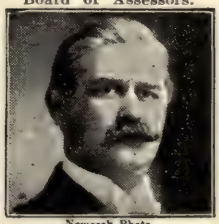
Coover Photo.
ADAM WOLF,
Board of Assessors.

Walinger Photo.
A. W. MILLER,
Board of Assessors.

Walinger Photo.
F. W. KORALESKI,
Board of Assessors.

Coover Photo.
P. M. HOFFMAN,
Coroner.

Morrison Photo.
JOHN E. OWENS,
County Judge.



Nemecek Photo.
J. A. CERVENKA,
Clerk Probate Court.

Gibson Photo.
THOMAS A. SMYTH,
Pres. Sanitary District.

Walinger Photo.
FRANK J. WALSH,
Clerk Criminal Court.

COOK COUNTY OFFICIALS.

Hours 9 a. m. to 5 p. m.

BOARD OF COMMISSIONERS.

Room 537 courthouse.

President—Peter Bartzen, D., 523 courthouse.
Clerk of County Board—Robert M. Sweitzer, D., 600 courthouse.
Commissioners—Peter Bartzen, D.; Joseph Mendel, D.; Lawrence J. Coffey, D.; Frank Ragan, D.; Charles Glennon, D.; George Sultan, D.; Joseph M. Fitzgerald, D.; Bartley Burg, D.; Daniel J. Harris, D.; Stanley Kuflewski, D., city districts. William Busse, R.; August C. Boeber, R.; Joseph Carolan, R.; William C. Hartray, R.; Alfred Van Steenberg, R., country districts.
Committee Clerk—O. W. Nash, 527 courthouse.
Meetings—The regular meetings of the board of commissioners are held on the first Monday of December, January, February, March, June and September of each year.
Duties—The commissioners are charged with the management of the county affairs of Cook county, as provided by law, having the same powers as the boards of supervisors in other counties. They make all appropriations and contracts and authorize all expenditures. The president appoints, with the approval of the board, the superintendent of public service and other officers and employes whose election or appointment is not otherwise provided for by law.

COUNTY CLERK'S OFFICE.

Courthouse, 2d floor, south end.

County Clerk—Robert M. Sweitzer, D.
Deputies—Frank L. Pasdeloup, chief deputy; Frank S. Ryan, deputy comptroller; Edward J. McCarthy, chief clerk; Morris Salmonson, marriage licenses; Dr. T. J. Ferguson, vital statistics; M. M. Hoffman, redemptions; Louis F. Wilk, cashier; Frank McNally, bookkeeper; A. S. Cameron, tax extension.
Duties—The county clerk is clerk of the county board and ex officio comptroller of county financial affairs. As such he has charge of all deeds, mortgages, contracts, bonds, notes and similar papers belonging to the county, settles all accounts, keeps books showing appropriations and expenditures, makes out report for fiscal year and submits estimates for the expenses of all the departments of the county organization.

COUNTY TREASURER'S OFFICE.

Courthouse, 1st and 2d floors, north end.

County Treasurer—William L. O'Connell, D.
Assistant Treasurer—Edward J. Werner.
Duties—The county treasurer receives and disburses, pursuant to law, all the revenues and other public moneys belonging to the county. He personally countersigns county orders and renders accounts to the board of commissioners.

COMPTROLLER'S OFFICE.

511 courthouse.

Comptroller—Robert M. Sweitzer, D.
Deputy Comptroller—Frank S. Ryan, D.
Chief Clerk—Edward J. McCarthy.
Duties—See County Clerk.

SUPERINTENDENT OF PUBLIC SERVICE.

519 courthouse.

Superintendent of Public Service—James M. Slattery, D.
Duties—Purchases all supplies for the county institutions, advertising for bids at specified times and entering into yearly or quarterly contracts and making tests from time to time of the articles furnished to determine if they are up to contract requirements.

RECORDER'S OFFICE.

Courthouse, 1st floor, south end.

Recorder of Deeds—Abel Davis, R.
Chief Deputy—John V. Clinnin.
Chief Clerk—Lee A. Dunne.
Duties—The recorder is the keeper of the records and upon the filing of any instrument in writing in his office entitled to be recorded he must spread the same on the record books provided for that purpose, in the order of the time of filing. He is also the official abstract maker for Cook county.

REGISTRAR OF TITLES.

Courthouse, 1st floor, south end.

Registrar—Abel Davis, R.
Examiners—Charles G. Little, Charles T. Farson.
Advisory Examiners—John S. Miller and Augustus S. Peabody.
Duties—The registrar of titles under the Torrens system of land registration directs the procedure by which title is confirmed by decree of court which does away with the need of an abstract and the certificate of title which is issued is guaranteed by the county.

CIVIL-SERVICE COMMISSION.

547 courthouse.

Commissioners—John P. McGoorty, Ballard Dunn, John H. Fichter.
Duties—The commissioners examine applicants for positions in the county service. Before an examination is held fourteen days' notice is given by advertisement. The rules are practically the same as those governing other bodies of the kind.

JURY COMMISSION.

824 courthouse.

Commissioners—William A. Amberg, president; Joseph H. Barnett, secretary; James J. Lane.
Clerk—Roswell H. Mason.
Duties—The commissioners are required to prepare a list of electors qualified to act as jurors, to select names from such list and place them in a jury box and a grand jury box, and to draw therefrom the number of jurors needed at each term of court.

BOARD OF ASSESSORS.

Courthouse, 3d floor, north end.

Members of the Board—F. W. Koraleski, D.; William H. Weber, R., secretary; Walter E. Schmidt, R.; A. W. Miller, R., and Adam Wolf, R.
Chief Clerk—William Kingsley.
Duties—Fix the amount of assessment on all real and personal property according to the rate required by law.

BOARD OF REVIEW.

Courthouse, third floor, south end.

Members of Board—T. J. Webb, D.; Fred W. Upham, R.; Roy O. West, R.
Chief Clerk—Frank A. Vogler.
Duties—The board of review takes the place of the old town board in revising and correcting the findings of the assessors and in hearing and adjusting complaints of property owners. The decisions of the board of review are final.

COUNTY INSTITUTIONS.

Dunning.

Superintendent—Dr. O. C. Wilhite, R.
Duties—Has the general management of the insane asylum and the poorhouse.

COUNTY ARCHITECT.

Dexter building, 84 Adams street.

County Architect—Paul Gerhard.
Duties—The county architect makes designs for new buildings, alterations in old ones, etc., as required by the county board. (Paid in fees.)

SUPERINTENDENT OF SCHOOLS.

546 courthouse.

Superintendent—Edward J. Tobin, D.
Duties—He is required to visit each school in his district at least once a year, to see that the teachers are qualified for the performance of their duties and to do all in his power to increase the efficiency and elevate the standards of the schools.

COUNTY HOSPITAL.

Harrison and Honore streets.

Warden—Charles G. Happel, R.
Duties—Exercises general supervision over the county hospital.

COUNTY SURVEYOR.

426 courthouse.

County Surveyor—Edgar A. Rossiter, R.
Duties—The surveyor is required to make all official surveys in the county. (Paid in fees.)

COUNTY PHYSICIAN.

Office in detention hospital.

County Physician—Dr. H. I. Davis.
Duties—The county physician resides at the detention hospital and gives medical attention to the patients in that institution.

COUNTY AGENT'S OFFICE.

213-215 South Peoria street.

County Agent—Joseph Meyer, D.
Assistant Agent—Victor Young.
Duties—The county agent is responsible to the president and board of county commissioners in the carrying out of the plans for the relief of the poor in the city of Chicago. He undertakes the return of all nonresident and alien paupers to their legal place of residence; is the medium whereby all defective children are sent to the Lincoln State School and Colony and the blind and deaf and dumb children to the state schools at Jacksonville, Ill.; keeps a record of and closely scrutinizes all cases passed upon at the detention hospital; passes on all applications for institutional care or infirmary cases; interests himself in any wrong existing or being perpetrated on any family to which his attention may be called.

CORONER'S OFFICE.

500 courthouse.

Coroner—Peter M. Hoffman, R.
Chief Physician—Dr. Warren H. Hunter.
Chief Deputy—David R. Jones.
Deputies—Matt Conrad, Alfred F. Andrews, Michael P. Hartney, Adolph Herrmann, George Hitzman, Charles E. Julian, Charles F. Kennedy, William Ostrom, Michael G. Walsh, George A. Webster, Samuel L. Davis.
Physicians—H. G. W. Reinhardt, Joseph Springer.
Duties—The coroner is required to take charge of bodies of all persons in the county supposed to have come to their deaths through other than natural causes, to summon a jury of six men and to inquire into the cause of death. If any person is implicated by the inquest as the slayer of the deceased, or as an accessory, the coroner shall cause his arrest if not already in custody.

SHERIFF'S OFFICE.

Courthouse, 4th floor, center.

Sheriff—Michael Zimmer, D.
Assistant Sheriff—Henry Spears, R.
Chief Deputy—Charles W. Peters.
Jailer—William T. Davies, R.
Duties—The sheriff serves and returns all writs, warrants, processes, orders and decrees legally directed to him. He is the conservator of peace in his county and may arrest offenders on view. He is the keeper of the jail and has the custody of prisoners. It is also his duty to attend the courts of record of the county and obey their orders.

STATE'S ATTORNEY'S OFFICE.

Criminal court building, 2d floor.

State's Attorney—John E. W. Wayman, R.
Assistants—B. J. Short, William H. Feindt, Ferdinand L. Barnett, George H. Gunther, D. M. Brothers, Ed S. Day, John E. Northup, E. H. Taylor, John Fleming, Charles D. Barrett, Thomas Marshall, Victor P. Arnold, William R. Fetzer, Zach Hofheimer, William E. Lundgren, F. L. Fairbank, Robert E. Crowe, Frederic Burnham, Jeremiah Sullivan, Claude F. Smith, Joseph C. Pisha, Otto B. Schram, George J. Crane, John A. Barnes.
Duties—The state's attorney begins and prosecutes all actions, civil and criminal, in any court of record in the county, in which the people of the state or county may be interested, prosecutes forfeited bonds and actions for the recovery of debts due the state or county and acts as adviser to county officers.

COUNTY ATTORNEY'S OFFICE.

507 courthouse.

County Attorney—Harry A. Lewis.
Assistant County Attorneys—William F. Struckmann, Charles J. Janes, Louis B. Anderson, David W. Taylor.
Duties—The county attorney is the legal adviser of the county board and has charge of all suits at law or in equity for or against the county.

PUBLIC ADMINISTRATOR.

Courthouse, 6th floor.

John F. Devine, R.
Duties—The public administrator is appointed by the governor to administer the estates of deceased persons under certain contingencies regulated by the statutes of the state of Illinois.

DIRECTORY OF COUNTY DEPARTMENTS AND COURTS.

LOCATION OF COUNTY BUILDINGS.

Courthouse—Clark street, between Washington and Randolph; south side.
County Jail—Dearborn avenue and Illinois street; north side.
Criminal Court building—Michigan street and Dearborn avenue; north side.
Children's Hospital—Wood street, near Polk; west side.
County Hospital—Harrison and Honore streets; west side.
County Infirmary—Oak Forest; reached by the Rock Island railroad.
County Morgue—Wood and Polk streets; west side.
Detention Hospital—Wood and Polk-sts.; west side.
County Agent—213 South Peoria street, west side.
County Insane Asylum, Etc.—At Dunning; west side; reached by Milwaukee avenue cars and the Chicago, Milwaukee & St. Paul railway.
Juvenile Court—771 Ewing street, west side.
Home for Delinquent and Dependent Children—771 Ewing street.

IN COURTHOUSE.

Board of Assessors—Third floor, north end.
Board of Review—Third floor, south end.
County Commissioners—Room 531.
Committee Clerk—Room 527.
County Clerk—Second floor, south end.
County Treasurer—First and second floors, north end.
County Court—Room 603.
County Court Clerk—Room 600.
County Comptroller—Room 511.
County Attorney—Room 507.
County Superintendent of Schools—Room 546.
County Surveyor—Room 426.
Custodian—Room 226.
Coroner—Room 500.
Civil-Service Commissioners—Room 547.
Circuit Court—Seventh floor.
Circuit Court Clerk—Fourth floor, north end.
Jury Commissioners—Room 824.
President County Board—Room 523.
Probate Court—Sixth floor.
Probate Court Clerk—Sixth floor.
Sheriff—Fourth floor, center.
Superior Court—Eighth floor.
Superior Court Clerk—Fourth floor, south end.
Superintendent of Public Service—Room 519.

CRIMINAL COURT BUILDING.

Criminal Court Clerk—First floor.
Criminal Courts—Third, fourth and fifth floors.
Sheriff (Bailiffs) in Charge of Criminal Court—First floor.
Grand Jury Assembly Room—Second floor.
State's Attorney—Second floor.

COURTS IN COOK COUNTY.

FIRST DISTRICT APPELLATE COURT.

Ashland block, 7th floor.

Main Court Justice—Frank Baker, presiding judge; Edward O. Brown, Ben M. Smith.
Branch Court Justices—Julian W. Mack, presiding judge; Frederick A. Smith, Jesse A. Baldwin.
Clerk—A. R. Porter, R.; chief deputy, Roy S. Gaskill.
Jurisdiction—The Appellate court has jurisdiction of all matters of appeal or writs of error from the Superior, Circuit and County courts, and from the Municipal court of Chicago, except in criminal cases and those affecting a franchise or freehold or the validity of a statute. Decisions are final except that an appeal may be granted on a certificate of importance, or a review may be allowed on a writ of certiorari from the Supreme court.
Terms of Court—First Tuesdays in March and October of each year.

SUPERIOR COURT.

Courthouse, 4th floor.

Judges—W. H. McSurely, R., chief justice, term expires 1911; Theodore Brentano, R., 1915; Marcus A. Kavanagh, R., 1911; Joseph F. Fitch, D., 1911; Farlin Q. Ball, R., 1911; Ben M. Smith, R., 1911; William E. Dever, D., 1916; Richard E. Burke, D., 1916; Martin M. Gridley, D., 1916; Thomas C. Clark, D., 1916; Charles A. McDonald, D., 1916; W. F. Cooper, D., 1916.
Clerk—Charles W. Vail, R.; courthouse, 4th floor, south end. Chief deputy, Charles E. Shearman.
Jurisdiction—The Superior court has concurrent jurisdiction with the Circuit court in all cases of law and equity and in appeals from inferior courts.
Terms of Court—Begin on the first Monday of every month.

CIRCUIT COURT.

Courthouse, 4th floor.

Terms of judges all expire in June, 1915.

Judges—Edward O. Brown, D.; Thomas G. Windes, D.; Merritt W. Pinckney, R.; R. S. Tuthill, R.; Frank Baker, D.; John Gibbons, R.; C. M. Walker, D.; Lockwood Honore, D.; Julian W. Mack, D.; George Kersten, D.; Frederick A. Smith, R.; Adelor J. Petit, R.; Kickham Scanlan, R.; Jesse A. Baldwin, R.
Clerk—Joseph E. Bidwill, Jr.; chief deputy, Louis Hutt, R.; fourth floor, north end.
Jurisdiction—Same as that of the Superior court.
Terms of Court—Begin on the third Monday of every month.

COUNTY COURT.

Courthouse, 6th floor.

Judge—John E. Owens, D.; term expires in December, 1914.
Clerk—R. M. Sweitzer, D.; 600 courthouse.
Jurisdiction—The County court has concurrent jurisdiction with the Circuit courts in all cases of appeal from justices of the peace and police magistrates and in all common-law matters where the value of property does not exceed $1,000; concurrent jurisdiction with courts of record in condemnation and special assessment proceedings; exclusive jurisdiction in voluntary assignments, release of insolvent debtors, trials of the right of property, commitment of insane and the support of paupers by their relatives; objections to the sale of real estate for nonpayment of general or special taxes are heard in the County court and all inheritance taxes are levied and collected under its direction; the official bonds of most county and township officers and the yearly reports of clerks, justices of the peace and state's attorneys and other officers of fees collected are subject to the approval of that court; the County court in Cook county has entire management and control of all elections in Chicago.

CRIMINAL COURT.

Criminal court building, Michigan street and Dearborn avenue.
Judges—Judges of the Superior and Circuit courts alternate in presiding over the Criminal court.
Clerk—Frank J. Walsh, D.; office in Criminal court building.
Jurisdiction—The Criminal court of Cook county has original jurisdiction of all criminal offenses except such as is conferred upon justices of the peace, and appellate jurisdiction from justices of the peace.
Terms of Court—Begin on the first Monday of every month.

PROBATE COURT.

Courthouse, 6th floor.

Judge—Charles S. Cutting, R.; term expires in 1914.
Assistants—Neil J. Shannon, A. A. Rolf and N. H. Welch.
Clerk—John A. Cervenka, D.
Public Administrator—John F. Devine, R.
Public Guardian—Mary M. Bartelme.
Jurisdiction—The Probate court has original jurisdiction in all matters of probate, the settlement of estates of deceased persons, the appointment of guardians and conservators and settlement of their accounts, and in all matters relating to apprentices, and in cases of sales of real estate of deceased persons for the payment of debts.
Terms of Court—Begin on the first Monday of every month.

JUVENILE COURT.

771 Ewing street.

Judge—Merritt W. Pinckney.
Jurisdiction—The Juvenile court hears and disposes of cases brought before it under the act to regulate the treatment and control of dependent, neglected and delinquent children.

UNITED STATES CIRCUIT COURT.

Federal building, 6th floor.

Judges—Peter S. Grosscup, Francis E. Baker, William H. Seaman, Christian C. Kohlsaat.
Clerk—John H. R. Jamar.
Salaries of judges, $7,000 each per year; of clerk, $3,500.
Jurisdiction—The United States Circuit courts have jurisdiction of suits of a civil nature at common law or in equity where the matter in dispute exceeds in value $2,000, where an alien is a party to litigation or the suit is between a citizen of the state where the suit is brought and a citizen of another state; of suits where the United States or officers thereof are plaintiffs, and of cases involving patent, copyright, national banking and bankruptcy laws, etc.

UNITED STATES DISTRICT COURT.

Federal building, 6th floor.

Judges—Kenesaw M. Landis, George A. Carpenter.
Clerk—Thomas C. Mac Millan.
Salary of judges, $6,000 a year; of clerk, $3,000.
Jurisdiction—United States District courts have jurisdiction of crimes and offenses cognizable under the authority of the United States where the punishment is not capital; of suits relating to debts by or to the United States; of admiralty and maritime cases, and of suits arising under the postal laws, etc.

MASTERS IN CHANCERY.

Circuit Court—William F. Cooper, M. H. Guerin, Fred Sass, Albert W. Brickwood, Granville W. Browning, Stillman B. Jamieson, Roswell B. Mason, Dennis W. Sullivan, George Mills Rogers, Thomas Taylor, Jr., Horatio L. Wait, Sigmund Zeisler, William A. Doyle, Ralph W. Condee.
Superior Court—Hiram Barber, George F. Barrett, John F. Holland, Wirt E. Humphrey, John E. Hunt, Joseph Weissenbach, Charles P. Abbey, George T. Kelly, David F. Matchett, James V. O'Donnell, Arthur M. Cox.
United States Circuit Court—Henry W. Bishop, Hervey W. Booth, James S. Hopkins, Elijah B. Sherman.

WOMEN'S TRADE UNION LEAGUE OF CHICAGO.

President—Mrs. Raymond Robins.
Vice-President—Miss Mary McDowell.
Secretary—Miss Emma Steghagen.
Treasurer—Miss Agnes Nestor.
Headquarters—Room 507, 275 LaSalle street.

MUNICIPAL COURT OF CHICAGO.

Municipal Court Building—148 Michigan avenue.

Chief Justice—Harry Olson.
Chief Clerk—Homer K. Galpin.
Chief Bailiff—Thomas M. Hunter.

Judges—Terms expire in 1912: Harry Olson, chief justice; Freeman K. Blake, William W. Maxwell, Judson F. Going, William M. Gemmill, William N. Cottrell, Edwin K. Walker, Edward A. Dicker, Isadore H. Himes, Arnold Heap. Terms expire in 1914: Henry C. Beitler, Max Eberhardt, Charles N. Goodnow, Joseph Z. Uhlir, Hosea W. Wells, Oscar M. Torrison, Frederick L. Fake, Jr., Sheridan E. Fry, Hugh R. Stewart. Terms expire in 1916: John R. Caverly, John J. Rooney, Thomas F. Scully, Jacob H. Hopkins, James C. Martin, Harry P. Dolan, Joseph Sabath, John R. Newcomer, Charles A. Williams.

Salaries—Chief justice, $7,500 a year; associate justices, $6,000; clerk, $5,000; chief deputy clerk, $2,500; other clerks, $1,800; bailiff, $5,000; chief deputy bailiff, $2,500; other bailiffs, $1,500.

Civil Courts—First district, 148 Michigan avenue; second district, 8855 and 8857 Exchange avenue, South Chicago.

Criminal Courts—First district: Branches 1 and 2, Criminal court building; Harrison street branches 1 and 2, Harrison and LaSalle streets; Desplaines street branch, 119 North Desplaines street; Maxwell street branch, Maxwell and Morgan streets; Hyde Park branch, 5223 Lake avenue; West Chicago avenue branch, 1125 West Chicago avenue; Shakespeare avenue branch, Shakespeare and California avenues; East Chicago avenue branch, 115 East Chicago avenue; Sheffield avenue branch, Sheffield avenue and Diversey boulevard; Englewood branch, 6347 Wentworth avenue; 35th street branch, 723 West 35th street. Second district: 8855-8857 Exchange avenue, South Chicago.

JURISDICTION.

1. All actions on contracts when the amount claimed by the plaintiff exceeds $1,000; all actions for the recovery of personal property the value of which exceeds $1,000; all actions for the recovery of damages for the conversion of personal property when the amount sought to be recovered exceeds $1,000.
2. All cases which may be transferred to it by the Circuit and Superior courts of Cook county.
3. All criminal cases in which the punishment is by fine or imprisonment otherwise than in the penitentiary and all criminal cases which may be prosecuted otherwise than by indictment by a grand jury.
4. All civil actions, quasi-criminal actions excepted, for the recovery of money only, where the amount does not exceed $1,000; all actions for the recovery of personal property the value of which does not exceed $1,000; all actions of forcible detainer and all actions and proceedings of which justices of the peace were formerly given jurisdiction where the amount sought to be recovered does not exceed $1,000.
5. Quasi-criminal actions.
6. Proceedings for the prevention of crime; proceedings for the arrest, examination and commitment of persons charged with criminal offenses and proceedings pertaining to search warrants.

COSTS IN CIVIL CASES.

1. In cases of the first class the plaintiff shall pay $8 to the clerk when suit is begun and $6 more if he asks for a jury trial.
2. In cases of the second class the plaintiff at the time of the bringing of the transcript of the record to the Municipal court shall pay $1 and $6 more if he files a demand for a jury.
3. In cases of the first class the defendant at the time of the filing of his appearance shall pay to the clerk $5 and if he asks for a jury $6 additional.
4. In any case of the fourth class the plaintiff at the time of beginning suit shall pay to the clerk of the court $2 when the amount claimed does not exceed $200; $5 if the amount exceeds $500 and does not exceed $1,000, and $2 in a case of forcible entry and detainer. If a jury is asked $6 additional must be paid.
5. In any case of the fourth class the defendant at the time of his appearance shall pay to the clerk $2 if the amount claimed by the plaintiff exceeds $200 and the further sum of $6 if he (the defendant) asks for a jury.
6. The costs to be paid for the services of the bailiffs, sheriffs and coroners shall be $1.75 for each person upon whom service is made and in cases where any levy is to be made $1.75 additional; other costs shall be the same as in the Circuit court.
7. In any case of the fourth class the party delivering to the bailiff any paper to be served shall pay him $1 for each defendant named upon whom service is to be made, and in cases of writs of attachment, replevin or execution the further sum of $1 when any levy is made, and shall also pay for the actual expense of seizing and caring for property.
8. In any case the party securing any certified copy of the record shall pay to the clerk the same fees as are paid to the clerk of the Circuit court for similar services.
9. In any case of the fourth class the bailiff, as commissions on moneys realized by execution, shall collect from the defendant in the execution 5 per cent upon the money realized if it does not exceed $100, but if it exceeds $100 the amount shall be 5 per cent on the first $100 and 3 per cent upon the excess over $100.
10. All other costs not specified shall be the same as in the Circuit court.

COSTS IN CRIMINAL CASES.

Costs in criminal and quasi-criminal cases and proceedings in the Municipal court instituted in the name of the people or of any state or county officers shall be:

1. Clerk's fees for all services rendered by him, $6.
2. Bailiff's fees the same as those which may now or hereafter be fixed by law for the sheriff in counties of the third class for similar services.

JUVENILE COURT STATISTICS.

	1907.	1908.	1909.
Delinquent boys in court	1,973	1,651	1,352
Delinquent girls in court	539	517	464
Dependent boys in court	896	876	852
Dependent girls in court	791	707	677
Delinquents put on probation	1,400	1,150	929
Dependents put on probation	675	529	415
Delinquents sent to institutions	847	772	673
Dependents sent to institutions	958	1,025	1,013
Delinquents dismissed	239	226	198
Dependents dismissed	54	29	53
Boys held to grand jury	17	15	4

TOTAL CHILDREN ON PROBATION.

	Jan.1, 1906.	Dec.1, 1906.	Dec.1, 1907.	Dec.1, 1908.	Dec.1, 1909.
Dependent boys	523	697	754	579	519
Dependent girls	529	762	805	651	630
Total dependents	1,052	1,459	1,559	1,230	1,149

	Jan.1, 1906.	Dec.1, 1906.	Dec.1, 1907.	Dec.1, 1908.	Dec.1, 1909.
Delinquents boys	1,987	2,599	2,540	1,779	1,253
Delinquent girls	186	343	396	336	325
Total delinquents	2,173	2,942	2,936	2,115	1,698
Total boys	2,510	3,296	3,294	2,358	1,802
Total girls	715	1,105	1,201	987	955
Total	3,225	4,401	4,495	3,345	2,757

JUVENILE DETENTION HOME.

Year ended Nov. 30, 1909.

Delinquent boys received	1,704
Delinquent girls received	434
Dependent boys received	434
Dependent girls received	265
Total number received	2,837
Daily average population	61
Total meals for children	66,495

SALARIES OF COOK COUNTY OFFICIALS AND EMPLOYES (1910).

Monthly except where otherwise specified.

COUNTY BOARD.

President, per year	$7,000.00
14 commissioners, each	300.00
Attorney	300.00
Secretary to president	233.33
Committee clerk	208.33
Clerk	150.00
Stenographer	125.00

CLERK COUNTY BOARD.

Deputy comptroller	$333.33
Chief clerk	250.00
Clerk	208.33
Clerk	183.33
Cashier	150.00
2 clerks, each	150.00
3 clerks, each	125.00

AUDITOR.

Auditor, per year	$3,000.00
1 senior audit clerk	150.00
3 bookkeepers, each	100.00
Stenographer	100.00

SHERIFF.

Sheriff, per year	$6,000.00
Assistant sheriff	300.00
Chief deputy	333.33
Jailer	208.33
2 chief bailiffs, each	200.00
1 custodian	250.00
28 deputies, each	166.66
1 building custodian	150.00
Chief engineer	175.00
1 engineer	150.00
Cashier	150.00
12 clerks, each, $33.33 to..	150.00
2 assistant bailiffs, each..	125.00
3 assistant jailers, each...	125.00
104 bailiffs, each	115.00
Elevator caretaker	100.00
Assistant custodian	100.00
Stenographer	100.00
General mechanic	100.00
51 jail guards, each	83.33
Teacher	83.33
Head window washer	70.00
3 oilers, each	75.00
2 chief janitors, each	75.00
2 elevator starters, each..	83.33
Messenger	75.00
16 watchmen, each	65.00
22 elevator men, each	70.00
50 janitors, each	60.00
16 window washers, each.	60.00
3 matrons, each	55.00
105 janitresses, each	30.00

SUP'T PUBLIC SERVICE.

Superintendent, per year	$5,000.00
Chief clerk	150.00
Bookkeeper	166.66
2 clerks, each	150.00
Head electrician	150.00
Clerk	125.00
Clerk	100.00
2 clerks, each	83.33
Stenographer	85.00
Porter	83.33

CIVIL-SERVICE COMMISSION.

3 commissioners, each	$166.66
Stenographer	125.00

STATE'S ATTORNEY.

State's atty., per year	$9,600.00
1 assistant	400.00
1 assistant	350.00
6 assistants, each	333.33
4 assistants, each	250.00
1 assistant	225.00
11 assistants, each	200.00
1 assistant	150.00
2 clerks, each	125.00
2 stenographers, each	100.00
2 clerks, each	100.00

COUNTY ATTORNEY.

County atty., per year	$4,200.00
Assistant	275.00
2 assistants, each	$200.00
1 assistant	150.00
Tax expert	100.00
Clerk	125.00
Stenographer	85.00

JURY COMMISSION.

3 commissioners, each	$125.00
Clerk	150.00
4 assistants, each	100.00
2 assistants, each	91.66
4 assistants, each	83.33

ELECTION COMMISSIONERS.

2 commissioners, each, yr.	$5,000.00
1 commissioner, per year	4,200.00
Chief clerk, per year	5,000.00
Assistant clerk, per year	3,000.00

COUNTY TREASURER.

Treasurer, per year	$15,000.00
Assistant	333.33
Chief clerk	300.00
Auditor	250.00
Clerk	250.00
Bookkeeper	250.00
Cashier	225.00
Assistant cashier	175.00
2 clerks, each	200.00
1 clerk	208.33
3 bookkeepers, each	150.00
16 clerks, each	150.00
4 clerks, each	140.00
3 clerks, each	137.50
46 clerks, each	120.00
4 clerks, each	125.00
Draftsman	125.00
Stenographer	100.00
6 clerks, each	75.00
2 clerks, each	65.00

COUNTY CLERK.

County clerk, per year	*$5,000.00
Chief deputy	300.00
Chief tax extension	237.50
Cashier	208.33
Bookkeeper	166.66
1 clerk	166.66
9 clerks, each	150.00
11 clerks, each	137.50
10 clerks, each	125.00
2 clerks, each	110.00
1 clerk	100.00
4 clerks, each	83.33
2 clerks, each	75.00
1 clerk	65.00
Draftsman	137.50
Secretary & stenographer	125.00
4 draftsmen, each	100.00

*County clerk receives $2,000 as such and $3,000 a year as clerk of County court.

CORONER.

Coroner, per year	$5,000.00
Chief deputy	250.00
Physician deputy	208.33
2 physician deputies, ea..	175.00
11 deputies, each	125.00
Clerk	100.00
4 clerks, each, $75 to	83.33
2 reporters, each	150.00
2 typists, each	100.00

SUP'T OF SCHOOLS.

Superintendent,* per yr.	$7,500.00
2 assistants, each	208.33
Clerk	100.00

*Paid by state.

COUNTY AGENT.

County agent, per year	$3,000.00
Assistant	183.00
1 supt. substation	166.66
2 supts. substation	125.00
1 special investigator	137.50
1 special investigator	125.00
Bookkeeper	100.00
Clerk	$100.00
Porter	83.33
11 clerks	83.33
Stenographer	70.00
Superintendent, G. A. R.	100.00
Secretary, G. A. R.	75.00
Visitor, G. A. R.	75.00
Clerks and visitors $3 per	day

COUNTY HOSPITAL.

Warden, per year	$3,600.00
County physician	208.33
Assistant warden	175.00
Resident pathologist	150.00
Librarian	125.00
Chief engineer	137.50
1 clerk	110.00
1 clerk	125.00
1 clerk	90.00
1 clerk	80.00
Druggist	85.00
Assistant druggist	80.00
Custodian	80.00
X-ray operator	70.00
Laboratory helper	75.00
Statistician	75.00
4 clerks, each	70.00
Attendants, each, $50 to..	60.00
Domestics, each, $18 to..	35.00
Laborers, each, $40 to	45.00

Cooks get from $35 to $80 each; housekeepers, $40; seamstresses and laundresses, $40, and messengers, $45 to $50.

DUNNING INSTITUTIONS.

(Insane asylum.)

Superintendent, per year	$3,600.00
Business manager	208.33
Chief of medical staff	208.33
7 physicians, each	150.00
Chief engineer	125.00
3 asst. physicians, each..	100.00
Record clerk	100.00
Storekeeper	91.66
Druggist	85.00
Supt. of nurses	83.33
Infirmary clerk	75.00
6 head nurses, each	50.00
190 attendants and nurses, each, $30 to	50.00

Other employes, such as cooks, bakers, laundrymen, teamsters, etc., get from $20 to $90 each. Internes are paid $12.50 per month each and get their board, lodging and laundry service free. In addition each interne is paid $150 at the end of twelve months' continuous service.

OAK FOREST INSTITUTION.

(Poorhouse, infirmary, etc.)

Superintendent, per year	$2,400.00
Senior physician	150.00
Druggist	85.00
Storekeeper	91.66
Record clerk	100.00
30 attendants, each, $30 to	50.00
Chief engineer	125.00

Salaries of internes and other employes same as at Dunning.

COUNTY RECORDER.

Recorder, per year	$9,000.00
Chief deputy	250.00
Chief clerk	200.00
Clerk	150.00
2 clerks, each	137.50
11 clerks, each	125.00
12 clerks, each	100.00
9 clerks, each	91.66
26 clerks, each	83.33
2 stenographers, each	75.00
6 clerks, each	75.00
5 clerks, each	60.00

ABSTRACT DEPARTMENT.

Supt. department	$183.33

4 clerks, each	$150.00
4 clerks, each	125.00
5 clerks, each	110.00
9 clerks, each	100.00
9 clerks, each	91.66

TORRENS DEPARTMENT.

Attorney	$333.33
Assistant attorney	150.00
1 clerk	175.00
3 clerks, each	150.00
7 clerks, each	125.00
3 stenographers, each	75.00

BOARD OF REVIEW.

3 members, ea., per year	$7,000.00
Chief clerk	300.00
Chief deputy clerk	208.33
Clerk	200.00
Clerk	166.66
Clerk	150.00
4 clerks, each	125.00
2 clerks, each	115.00
7 clerks, each	100.00
Map man	100.00
Stenographer	100.00
Vault clerk	91.66
Extra help $4 per day.	

BOARD OF ASSESSORS.

5 members, ea., per year	$5,000.00
Chief clerk	300.00
Deputy chief clerk	208.33
Assistant chief clerk	208.33
3 clerks, each	166.66
Architect	183.33
2 clerks, each	150.00
Superintendent draftsmen.	125.00
1 clerk	115.00
2 stenographers, each	100.00
Attorney	200.00
Supt. map clerks	150.00
6 clerks, each	125.00
4 draftsmen, each	100.00
11 clerks, each	100.00
Clerk	83.33

COUNTY COURT.

Clerk County court (see county clerk), per year	$3,000.00
Chief clerk	250.00
Assistant to judge	250.00
Cashier	200.00
2 clerks, each	$150.00
1 clerk	125.00
Record writer	150.00
Assistant record writer	125.00
Minute clerk	150.00
2 minute clerks, each	117.50
Stenographer	100.00

SUPERIOR COURT.

Clerk Superior court	$416.66
Chief clerk	250.00
Cashier	150.00
Bookkeeper	200.00
2 execution clerks, each	150.00
8 record writers, each	150.00
Clerk	166.66
5 clerks, each	125.00
1 record writer	125.00
2 clerks, each	110.00
8 minute clerks, each	110.00
10 clerks, each	100.00
7 clerks, each	83.33
Stenographer	83.33

CRIMINAL COURT.

Clerk Criminal court	$416.66
Chief clerk	250.00
Cashier	166.66
5 record writers, each	150.00
Clerk	150.00
4 clerks, each	137.50
2 clerks, each	125.00
Record writer	125.00
7 minute clerks, each	110.00
8 clerks, each	100.00
Stenographer	85.00
6 clerks, each	83.33

CIRCUIT COURT.

Clerk Circuit court	$416.66
Chief clerk	250.00
Bookkeeper	200.00
Cashier	150.00
2 execution clerks, each	150.00
8 record writers, each	150.00
2 clerks, each	150.00
4 clerks, each	125.00
3 record writers, each	125.00
9 minute clerks, each	110.00
10 clerks, each	100.00
Clerk	115.00
8 clerks, each	83.33
Stenographer	$83.33

JUVENILE COURT.

1 chief clerk	$150.00
2 record writers, each	125.00
Minute clerk	110.00
2 clerks, each	100.00
3 clerks, each	83.33
Chief probation officer	250.00
1 assistant	100.00
33 assistants, each	87.50
2 stenographers, each	75.00
2 clerks, each	60.00

JUVENILE DETENTION HOME.

Superintendent	$100.00
House physician	75.00
Head janitor	75.00
Clerk	55.00
Cook	50.00
3 male attendants, each	60.00
10 female attendants, ea.	40.00
Dispensary nurse	80.00
Other employes, ea., $35 to	65.00

PROBATE COURT.

Clerk Probate court	$416.66
Assistant to judge	275.00
2 assistants, each	250.00
Chief clerk	250.00
Clerk	200.00
Clerk	166.66
5 record writers, each	150.00
Cashier	150.00
2 clerks, each	150.00
12 clerks, each	125.00
2 record writers, each	125.00
3 minute clerks, each	110.00
1 clerk	110.00
13 clerks, each	100.00
5 clerks, each	91.65
4 clerks, each	83.33
Stenographer	100.00
Stenographer	85.00

JUDGES.

	Per year.
14 Circuit judges, each	*$10,000.00
1 Superior judge	*10,000.00
11 Superior judges, ea.	†11,500.00
County court judge	10,000.00
Probate court judge	10,000.00

*$5,000 from state and $5,000 from county. †$5,000 from state and $6,500 from county.

COOK COUNTY APPROPRIATIONS.

For fiscal year from Dec. 1, 1909, to Nov. 30, 1910.

GENERAL.

Tax loss account law	$3,140,244.97
Tax loss, noncollection	221,253.09
Bonds and interest	1,033,050.38
New infirmary	645,580.15
Outstanding liabilities	221,335.72
Furniture fund	173,000.00
Dieting prisoners, jail	40,000.00
Diet'g pris'rs, bridewell	50,000.00
State institutions	50,000.00
Industrial schools	62,000.00
Telephone fund	8,000.00
Deporting indigents	1,500.00
Inspecting fund	2,500.00
President's fund	2,500.00
Hospital nursing	119,000.00
Roads and bridges	40,000.00
Transport'n prisoners.	3,500.00
Postage fund	12,500.00
Coroner's expense	1,500.00
County attorney	6,000.00
County surveyor	500.00
Assessment lists	85,000.00
Insurance fund	22,000.00
Special audit fund	15,000.00
Outdoor relief	21,400.00
Juvenile detent'n home	500.00
Juv. det. home repairs	15,000.00
Juror fund	250,000.00
Election fund	50,000.00
Judges' fund	181,500.00
Interest on loans	50,000.00
Building fund	100,000.00
Heating courthouse	26,300.00
Lighting courthouse	16,500.00
Power courthouse	23,000.00
Miscellaneous	50,000.00
Total	6,740,164.31

SALARIES.

Oak Forest institution	$33,309.42
Dunning institutions	164,622.76
Hospital	173,680.70
County agent	53,680.00
County agent, G. A. R.	3,600.00
Juvenile probation	42,090.00
Juvenile home	15,720.00
County board	$69,600.00
County board auditor.	8,200.00
Comptroller	21,600.00
Supt. public service	26,831.00
Mechanics pub. service	50,750.20
Civil-service commis'n	7,500.00
Election commisioners.	17,000.00
County attorney	19,020.00
State's attorney	107,850.00
Jury commissioners	17,300.00
Supt. of schools	6,200.00
Assessors	167,880.00
Board of review	82,360.00
Sheriff	239,360.00
Sheriff, county bldg.	130,857.75
Sheriff, Crim. Ct. bldg.	43,291.00
Sheriff, jail	71,480.00
Coroner	42,100.00
Clerk Criminal court	61,660.00
Clerk Circuit court	90,080.00
Clerk Superior court	74,400.00
Clerk Probate court	88,380.00
County clerk	202,150.00
County court clerk	41,156.00
County treasurer	355,292.00
Recorder	162,600.00
Recorder, abst. dept.	42,700.00
Recorder, Torr. dept.	26,500.00
Total	2,760,800.83

SUPPLIES.

Oak Forest institution	$80,000.00
Dunning institutions	225,000.00
Hospital	300,000.00
County agent	184,000.00
Juvenile probation	1,000.00
Juvenile home	15,000.00
County board	700.00
County board auditor.	250.00
Comptroller	5,500.00
Supt. public service	3,000.00
Civil-service commis'n	500.00
County attorney	1,000.00
State's attorney	20,000.00
Jury commissioners	1,000.00
Supt. of schools	4,100.00
Assessors	6,000.00
Board of review	$2,000.00
Sheriff	1,500.00
Sheriff, county bldg.	15,000.00

Sheriff, jail	30,000.00
Coroner	1,500.00
Clerk Criminal court	1,500.00
Clerk Circuit court	3,500.00
Clerk Superior court	3,000.00
Clerk Probate court	5,000.00
Clerk County court	13,000.00
County treasurer	15,000.00
Recorder	9,000.00
Total	947,050.00
Total appropriations	10,448,015.14

ESTIMATED RESOURCES.

TAXES.

General taxes, 1910	$7,626,309.22

FEES.

County treasurer	765,000.00
County clerk	247,000.00
County court clerk	34,000.00
Recorder	215,000.00
Abstract maker	23,000.00
Registrar of titles	23,000.00
Probate court clerk	110,000.00
Circuit court clerk	99,000.00
Superior court clerk	89,000.00
Sheriff	49,000.00
State's attorney	22,000.00
Criminal court clerk	3,000.00
Coroner	3,500.00
Total fees	1,682,500.00

SUNDRY RESOURCES.

Balance general fund	267,609.76
Juvenile court (1908)	4,158.50
Juvenile court (1909)	15,747.83
Juvenile court (1910)	23,110.00
State's attorney	6,265.80
County clerk, balance	5,000.00
Taxes prior years	75,000.00
Miscellaneous	20,000.00
Cooke claim	10,146.00
Bonds and interest	66,587.88
New infirmary fund	645,580.15
Total sundry	1,139,205.92
Total resources	10,448,015.14

COOK COUNTY FINANCES (DEC. 2, 1908, TO JAN. 3, 1910).

From annual report of Comptroller J. F. Haas.

GENERAL STATEMENT.

Cash balance, Dec. 1, 1908	$83,842.40
Actual receipts	4,831,206.76
Tax levy loan receipts	1,745,700.00
Total receipts	6,660,749.16
Vouchered expenditures	4,765,270.96
Tax levy loans repaid	1,629,600.00
Total disbursements	6,394,870.96
Transferred from building fund	1,731.56
Total cash balance for 1910	267,609.76

RECEIPTS IN DETAIL.

FROM FEE OFFICES.

County treasurer and collector	$763,798.25
County clerk	246,944.76
Clerk of the County court	33,636.95
Recorder	213,635.65
Abstract maker	22,048.31
Registrar of title	22,453.75
Clerk of Probate court	109,360.45
Clerk of Criminal court	2,964.10
Clerk of Circuit court	98,756.14
Clerk of Superior court	88,724.00
Sheriff	48,668.69
State's attorney	15,013.85
Coroner	3,402.90
Total	1,669,407.80

FROM TAXES.

Taxes receivable from 1908	4,313,936.62
Deduct principal and interest bonds	1,031,337.50
Deduct for error, abatements, etc	318,775.68
Net taxes, 1908, levy for general fund	2,963,823.44

MISCELLANEOUS.

Sale clinic tickets, etc	14,729.82
State's Attorney Healy	14,335.85
Prior year taxes	57,975.28
Balance due from sheriff 1908	3,631.30
Balance due from county clerk	107,253.27
Total miscellaneous	194,975.52

EXPENDITURES IN DETAIL.

SALARY FUND.

Jury commissioners	$16,980.24
Civil-service commission	7,499.79
Election commissioners	14,490.08
Recorder	162,962.87
Abstract department	41,783.10
Torrens department	22,299.96
Superintendent of schools	6,199.92
State's attorney	101,695.15
County attorney	19,020.00
Hospital	171,034.90
Dunning	182,920.95
County agent	44,767.36
County board	69,288.50
Superintendent public service	26,170.41
Auditor	7,420.00
Comptroller	21,399.84
Board of Assessors	154,569.34
Coroner	36,799.80
County court clerk	39,848.00
Probate court clerk	85,079.16
Criminal court clerk	57,717.06
Sheriff	221,163.69
Sheriff, county building	121,151.45
Sheriff, criminal building	42,676.68
Sheriff, jail	68,896.74
County treasurer	348,396.40
Juvenile probation officers	36,218.22
County clerk	199,037.40
Circuit court clerk	88,838.47
Superior court clerk	71,279.87
Juvenile home	15,508.19
Board of review	84,419.72
Total	2,587,533.26

SUPPLY FUND.

Hospital	223,669.31
Dunning	272,518.53
County agent	168,155.87
Juvenile court	626.97
Juvenile home	14,015.81
Superintendent public service	126,156.22
Total	805,142.71

FURNITURE AND REPAIR FUND.

Courthouse	27,315.44
Criminal court building	20,000.00
Dunning	20,504.82
Hospital	14,235.28
County agent	483.08
Total	82,538.62
Juvenile home	661.41
Grand total	83,200.03

JUDGES' FUND.

Judges	179,956.26
Extra judges, Circuit court	2,350.00
Extra judges, Superior court	3,830.00
Extra judges, County court	3,760.00
Total	189,896.26

JURORS' FUND.

Chicago Heights court jurors	1,802.25
Circuit court jurors	52,060.15
Superior court jurors	58,195.15
Criminal court jurors	75,264.60
County court jurors	4,467.40
Coroner's jurors	32,221.00
Dieting jurors	5,969.25
Total	229,979.80

INDUSTRIAL SCHOOL FUNDS.

St. Mary's training school for boys	18,000.00
Illinois training farm	18,000.00
Chicago industrial school for girls	9,999.96
Illinois industrial school for girls	9,959.96
Total	55,959.92

OUTDOOR RELIEF, ETC.

Outdoor relief	17,380.94
Bridges and roads	39,999.97
Total	57,380.91

SUNDRY OTHER FUNDS.

Building fund	13,046.56
Coroner's expense	348.40
Coroner's reporting	1,200.00
Deporting indigents	1,234.67
Dieting, house of correction	
Dieting prisoners, jail	37,726.52
Election fund	240,058.40
Heating courthouse	26,299.92
Hospital nursing	96,346.80
Inspecting, etc	2,156.36
Interest on bank loan	47,875.20
Lighting courthouse	14,839.20
Miscellaneous	43,437.37
Postage and envelopes	10,000.00
Power, courthouse	21,432.72

President's expense	2,500.00
Printing real estate assessment lists	
Special audit	505.99
Special county attorney	1,758.00
Special state's attorney	6,158.30
State institutions	33,938.10
Telephone service	7,275.78
Telephone service, Home for Dependent Children	283.09
Transportation prisoners	3,000.00
Total	611,421.29

SUMMARY EXPENDITURES FUND.

Salary	2,587,533.26
Supply	805,142.71
Furniture and repairs	82,538.62
Furniture and repairs Juvenile court	661.41
Judges	189,896.26
Jurors	229,979.80
Industrial schools	55,959.92
Outdoor relief	17,390.94
Roads and bridges	39,999.97
Sundry other funds	611,421.29
Total current year account	4,620,524.18
Outstanding liabilities	144,746.78
Grand total	4,765,270.96

BOND PRINCIPAL AND INTEREST FUND.

GENERAL STATEMENT.

	Principal.	Interest.	Total.
Cash balance, Dec. 1, 1908	$2,400.00	$25,649.13	$28,049.13
Actual receipts	625,000.00	406,337.50	1,031,337.50
Total	627,400.00	431,986.63	1,059,386.63
Expenditures	624,000.00	368,798.75	992,798.75
Cash balance	3,400.00	63,187.88	66,587.88

BONDED INDEBTEDNESS.

Bonds outstanding Dec. 1, 1908	$9,360,000.00
Deduct for bonds maturing in 1909	625,000.00
Leaves outstanding bonds due after Dec. 1, 1909	8,735,000.00
Add for bonds outstanding and maturing prior to Dec. 1, 1909, represented by the "unexpended balances" of appropriations held for their redemption	3,400.00
Leaves the net of bonds outstanding	8,738,400.00

NEW COURTHOUSE BUILDING FUND.

Cash balance Dec. 1, 1908	37,568.02
Expenditures	35,836.46
Cash bal. (transferred to gen. fund)	1,731.56

NEW INFIRMARY BUILDING FUND.

Cash balance Dec. 1, 1908	$566,740.37
Actual receipts	1,382,091.50
Total	1,948,831.87
Expenditures	1,303,251.72
Cash balance	645,580.15

CASH BALANCES—ALL FUNDS.

General fund	$267,609.76
Principal and interest fund	66,587.88
New infirmary building fund	645,580.15
Tavern license fund (90%)	225.00
Warrants issued fund	193,606.94
Total cash in all funds	1,173,609.73

ACCOUNTS PAYABLE.

General purpose fund	$297,580.86
New infirmary fund	390,677.34
New infirmary building fund	*254,902.81
Tavern license fund	225.00
Principal and interest fund	66,587.88
Tax loan warrants fund	1,245,700.00
Total accounts payable	2,255,673.89
Warrants issued unpaid	193,606 94
Total	2,449,280.83
Total cash on hand	1,173,609.73
	1,275,671.10
Balance due from various sources	41,700.30
Actual indebtedness Nov. 30, 1909	1,233,970.80

*Subject to contracts.

COOK COUNTY CHARITY SERVICE (1909).

DEPARTMENT OF POOR RELIEF.

Families given relief	10,079
Persons in families	42,422
Visits made	13,099
Cases sent to hospital	1,987
Cases given medical aid	19,317
Sent to state institutions	138
Insane cases disposed of	1,809
Rations issued	50,264
Lbs. provisions distributed	3,053,117
Tons coal distributed	13,154
Shoes given children, prs.	13,513
Cost of provisions	$95,049.04
Cost of coal	$47,452.34
Cost of shoes	$17,802.85

DUNNING INSTITUTIONS.

HOSPITAL FOR INSANE.

Daily average population	1,925
Aggregate for the year	702,332
Patients died	317

INFIRMARY (POORHOUSE).

Daily average population	1,523
Aggregate for the year	576,332
Deaths	368

HOSPITAL FOR CONSUMPTIVES.

Daily average population	327
Patients admitted	1,067
Patients left	591
Patients died	451

DEATHS AND DISPOSAL OF BODIES.

Total deaths	1,139
Given to friends	802
Given to colleges	297
Buried in county cemetery	34

COST OF MAINTENANCE.

The total cost of supplies for the Dunning institutions in 1909 was $282,509.86, and the total of the employes' salaries was $182,821.31, making the cost of maintenance $465,331.17. Average per day for inmates and employes, 31 cents; per year for inmates and employes, $112.86.

COOK COUNTY AND DETENTION HOSPITALS.

COOK COUNTY HOSPITAL.

Patients admitted	31,826
Patients discharged	27,692
Died	2,542
Daily average in hospital	1,450
Operations performed	3,579

DETENTION HOSPITAL.

Patients admitted	2,036
Distributed	1,996
Died	24
Daily average in hospital	31

COUNTY HOSPITAL FINANCES.

Cost of supplies, etc	$240.764.75
Salaries	267,340.30
T'l cost of maint'nance	508,105.05

ILLINOIS RECEIPTS AND EXPENDITURES.

[From biennial reports of state treasurers.]

Year.	Balance.	Receipts.	Disbursements.
1820		$62,226.00	$47,145.00
1830		106,898.00	119,370.00
1840		305,284.00	374,401.00
1850	$230,095.27	957,394.67	709,371.74
1860	919,331.68	7,407,363.36	7,279,051.97
1870	4,502,970.58	10,749,084.54	13,201,279.14
1880	2,468,606.89	10,049,206.97	8,727,811.87
1890	$4,445,467.99	$10,586,743.28	$10,682,659.89
1900	2,617,955.88	16,382,020.34	15,621,652.19
1902	3,378,324.03	16,491,486.11	16,422,576.38
1904	3,447,233.76	19,763,176.57	17,661,017.36
1906	5,549,226.65	19,558,842.06	21,278,805.27
1908	3,859,263.44	21,611,919.46	21,046,572.46
1910	4,424,610.44	*	*

*Not tabulated.

RUSSIAN REVOLUTIONIST ACQUITTED.

Nicholas Tschaikovsky, long identified with the revolutionist movement in Russia, was tried in St. Petersburg March 8-9, 1910, on the charge of criminal activity in the revolutionary organization. He was acquitted by the jury after a few minutes' deliberation. Mme. Breshkovskaya, who was tried at the same time, admitted that she was a social revolutionist and was sentenced to perpetual exile, but without hard labor.

CHICAGO CITY OFFICIALS.

Photo by Cox.

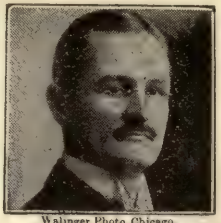
E. J. BRUNDAGE,
Corporation Counsel.

Dana Hull Studio.

WALTER H. WILSON,
Comptroller.

Matzene Photo.

FRANCIS D. CONNERY,
City Clerk.



Walinger Photo, Chicago.

ISAAC N. POWELL,
City Treasurer.

HARRY OLSON,
C. J. Municipal Court.

Cooper Photo.

FRED A. BUSSE,
Mayor.

Walinger Photo.

DR. W. A. EVANS,
Health Commissioner.

Moffett Photo.

B. J. MULLANEY,
Public Works Commiss'r.

E. J. MAGERSTADT,
City Collector.

MURDOCH CAMPBELL,
Building Commissioner.

Matzene Photo.

W. A. COLEMAN,
Business Agent.

McElnott Studio.

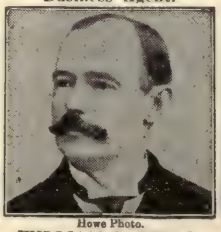
JOHN KJELLANDER,
City Sealer.

Koehne Photo.

LE ROY T. STEWARD,
Chief of Police.

Matzene Photo.

WALTER J. RAYMER,
Supt. Track Elevation.



Howe Photo.

WILLIAM CARROLL,
City Electrician

J. L. WHITMAN,
Supt. House of Correct'n.

Morrison Photo.

JAMES HORAN,
Fire Marshal.

CHICAGO CITY OFFICIALS.

Heads of departments, assistants, chief clerks and other employes. Their offices unless otherwise specified are open from 9 a. m. to 5 p. m.

MAYOR'S OFFICE.

Lehman building, 200-206 Randolph street, seventh floor. Hours 10:30 a. m. to 4:30 p. m.
Mayor—Fred A. Busse, R.
Private Secretary—Vernon L. Bean.
Assistant Secretary—Edward Weltman.
Duties—The mayor presides over meetings of the city council, approves or vetoes the acts of that body, appoints all nonelective city officials, sees that all the laws and ordinances are faithfully executed, issues and revokes licenses and exercises a general supervision over all the various subordinate departments of the city government.

THE CITY COUNCIL.

Presiding Officer—Mayor Fred A. Busse.
City Clerk—Francis D. Connery.
Chief Clerk—Edward J. Padden.
Sergeant-at-Arms—William H. Brown.
Total membership of council, 70; democrats, 38; republicans, 32.

Ward. ALDERMEN (1910-1911).

1. Michael Kenna, D.....279 Clark street
   John J. Coughlin, D.....125 LaSalle street
2. George F. Harding, Jr., R..155 Washington street
   Wilson Shufelt, R.....35 East 22d street
3. Milton J. Foreman, R..810, 100 Washington street
   William J. Pringle, R....723, 184 LaSalle street
4. James M. Dailey, D.....549 West 31st street
   John A. Richert, D....2603 South Halsted street
5. John J. Sheahan, D.....718 West 35th street
   Charles Martin, D.....3635 Emerald avenue
6. Theodore K. Long, R.....4823 Kimbark avenue
   William R. Parker, R..210 Postal Tel. building
7. Charles E. Merriam, R..62, 107 Dearborn street
   Bernard W. Snow, R...1448 Marquette building
8. John R. Emerson, D.....9151 Commercial avenue
   John S. Derpa, D.....9050 Commercial avenue
9. Dennis J. Egan, D.....654 West 18th street
   Henry L. Fick, D.....319 West 12th street
10. Thomas F. Scully, D.*..1322 Washburne avenue
    Frank J. Vavricek, D.....1720 Loomis street
11. Edward F. Cullerton, D.....509, 97 Clark street
    Frank P. Danisch, D....1853 S. Ashland avenue
12. Michael Zimmer, D.†.....2256 West 21st place
    Anton J. Cermak, D.....202, 59 Dearborn street
13. Arthur W. Fulton, R.....1103 Ashland block.
    James R. Buckley, D.....3521 Colorado avenue
14. James H. Lawley, R..1925 West Chicago avenue
    Charles J. Lucas, R.....2343 Fulton street
15. Henry Utpatel, R...408 Chamber of Com. bldg.
    Albert W. Beilfuss, R.....778 Milwaukee avenue
16. Stanley H. Kunz, D.....1349 Noble street
    Frank W. Koraleski, D.‡..704, 132 Clark street
17. Lewis D. Sitts, R.....71 South Water street
    William E. Dever, D.§.....506 Ashland block
18. John J. Brennan, D....716 West Madison street
    William J. Healy, R....1038 Jackson boulevard
19. John Powers, D.....1284 Macalister place
    James B. Bowler, D....1223 West Taylor street
20. John P. Stewart, R.....126 Adams street
    Carl T. Murray, R.....902 Ashland block
21. Francis W. Taylor, R.....247 Monadnock block
    Charles M. Foell, R.....803 Atwood building
22. Herman J. Bauler, D.....1507 Cleveland avenue
    B. F. Clettenberg, R.....151 LaSalle street
23. Jacob A. Hey, R.....2048 North Halsted street
    Fred A. Britten, R....1010, 140 Dearborn street
24. August Krumholz, D.....1662 Fullerton avenue
    John Haderlein, D.....1901 Wellington street
25. Winfield P. Dunn, R.....429 LaSalle street
    Charles M. Thomson, R....602 N. Y. Life bldg.
26. William F. Lipps, R.....2180 Wilson avenue
    Peter Reinberg, D.....5446 North Robey street
27. Joseph F. Capp, R.....3532 Wabansia avenue
    Frank J. Wilson, D.....4126 North 45th avenue
28. Harry E. Littler, R.....121 Ann street
    Charles Twigg, D.....2518 Pleasant place
29. Matthias A. Mueller, R....5017 S. Wood street
    Frank McDermott, D....5443 S. Ashland avenue
30 Michael McInerney, D.....4541 Lowe avenue
    Joseph T. Mahoney, D.....217 West 43d street
31. James A. Kearns, R.....5510 Lafayette avenue
    Henry P. Bergen, D..5736 S. Marshfield avenue
32. Albert J. Fisher, R...7850 South Halsted street
    James Rea, R.....736 West 63d street
33. Charles E. Reading, D...11566 Michigan avenue
    Eugene Block, D.....9311 Evans avenue
34. William F. Ryan, D.....66 Sherman street
    James Donahoe, D.....1606 Ashland block
35. John S. Clark, D.....4260 Grand avenue
    Charles J. Forsberg, R..4944 West Huron street

*Elected judge of Municipal court Nov. 8. †Elected sheriff. ‡Elected member of board of assessors. §Elected Superior court judge.

STANDING COMMITTEES (1910-1911).

Finance—Foell, Harding, Foreman, Richert, Wilson, Cermak, Lawley, Beilfuss, Ryan, Sitts, Snow, Clettenberg, Reinberg, Kearns, Reading.
Local Transportation—Foreman, Richert, Derpa, Egan, Danisch, Fulton, Dever, Stewart, Foell, Dunn, Reinberg, Wilson, Mueller.
Judiciary—Donahoe, Danisch, Fulton, Utpatel, Koraleski, Taylor, Thomson, Twigg, Mahoney, Rea, Block, Buckley, Forsberg.
License—Ryan, Dailey, Long, Merriam, Derpa, Cermak, Lucas, Bowler, Bauler, Britten, Krumholz, Mueller, Fisher.
Schools—Cermak, Shufelt, Martin, Parker, Vavricek, Cullerton, Healy, Murray, Dunn, Capp, Twigg, McInerney, Block.
Gas, Oil and Electric Light—Pringle, Dailey, Long, Merriam, Derpa, Bowler, Cermak, Beilfuss, Twigg, Sitts, Stewart, Hey, Reinberg.
Local Industries—Richert, Pringle, Fick, Sheahan, Emerson, Cullerton, Fulton, Lucas, Sitts, Bauler, Britten, Lipps, Wilson, Fisher, Clark.
Streets and Alleys, North Division—Krumholz, Taylor, Bauler, Hey, Dunn, Lipps.
Streets and Alleys, South Division—Reading, Kenna, Shufelt, Pringle, Dailey, Martin, Parker, Merriam, Emerson, Mueller, McInerney, Kearns, Rea.
Streets and Alleys, West Division—Egan, Vavricek, Danisch, Cermak, Fulton, Lucas, Utpatel, Kunz, Sitts, Brennan, Powers, Stewart, Capp, Littler, Ryan, Clark.
Building Department—Long, Richert, Merriam, Lucas, Powers, Taylor, Britten, Krumholz, Thomson, Lipps, McDermott, Fisher, Clark.
State Legislation—Koraleski, Coughlin, Harding, Martin, Derpa, Lawley, Utpatel, Brennan, Bowler, Stewart, Bauler, Wilson, Donahoe.
Harbors, Wharves and Bridges—Littler, Kenna, Foreman, Long, Merriam, Emerson, Fick, Sitts, Brennan, Hey, Dunn, Foell, Ryan.
Special Assessment and General Taxation—Emerson, Coughlin, Sheahan, Egan, Vavricek, Healy, Bowler, Murray, Thomson, Capp, Twigg, Mueller, Bergen.
Health Department—Dunn, Foreman, Sheahan, Parker, Fick, Buckley, Brennan, Powers, Taylor, Hey, Mahoney, Block, Donahoe.
Fire Department—Rea, Coughlin, Shufelt, Martin, Kunz, Healy, Murray, Haderlein, Wilson, Littler, McDermott, Mahoney, Kearns.
Police Department and Bridewell—McInerney, Harding, Pringle, Dailey, Parker, Fick, Buckley, Koraleski, Murray, Clettenberg, Mahoney, Block, Ryan.
Water Department—Forsberg, Derpa, Danisch, Fulton, Murray, Britten, Krumholz, Thomson, Twigg, McInerney, Fisher, Block, Ryan.
Civil Service—Britten, Kenna, Merriam, Egan, Cullerton, Lucas, Kunz, Bauler, Littler, McDermott, Mahoney, Reading, Clark.
Elections—Richert, Foreman, Snow, Egan, Cermak, Lawley, Wilson, Stewart, Haderlein, Lipps, Reinberg, Littler, Bergen, Rea, Reading, Clark.
Rules—Cullerton, Coughlin, Shufelt, Lawley, Beilfuss, Healy, Bowler, Haderlein, Thomson, Wilson, Mueller, Bergen Donahoe.
Street Nomenclature—Hey, Coughlin, Pringle, Buckley, Utpatel, Koraleski, Healy, Powers, Krumholz, Capp, Bergen, Donahoe, Forsberg.
City Hall and Public Building—Taylor, Kenna, Harding, Dailey, Egan, Brennan, Buckley, Utpatel, Clettenberg, Haderlein, Bergen, Rea, Forsberg.
Printing—Sheahan, Kenna, Shufelt, Parker, Emerson, Fick, Vavricek, Danisch, Kunz, Haderlein, McDermott, McInerney, Kearns.

SELECT COMMITTEES (1910-1911).

Track Elevation—Lipps, Twigg, Forsberg, Martin, Kearns, Buckley, Fisher, Bowler, Reading.
Compensation—Reinberg, Ryan, Richert, Beilfuss, Snow, Clettenberg.
Bathing Beaches and Recreation Piers—Dunn, Foreman, Long, Cullerton, Egan.
Special Park Commission—Aldermen Beilfuss, Vavricek, McDermott, Harding, Danisch, Cullerton, Sheahan, Taylor, Clark, Long, Capp, and Francis T. Simmons, Jens Jensen, William Best, Edward A. Halsey, James H. Burdette, Edmund Szajkowski, Clarence Buckingham, John M. Monroe, Alfred R. Urion, Frederick Greeley, Lorenzo J. Lamson, George L. Pfeiffer, Abraham Liebling and Thomas J. Dixon.
Meetings—Regular meetings of the council are held every Monday at 7:30 p. m., except when otherwise ordered at a regular meeting.
Duties—In a general way the duties of the board of aldermen are to enact ordinances for the government of the city, levy and collect taxes, make appropriations, regulate licenses, etc. The matters coming under the jurisdiction of the council are indicated by the names of the committees given above.

CITY CLERK'S OFFICE.

82 5th avenue, second floor.

City Clerk—Francis D. Connery.
Chief Clerk to City Clerk—E. J. Padden, D.
Duties—The city clerk keeps the corporate seal and all papers belonging to the city. He attends the meetings of the council and keeps a record of the proceedings. All city licenses are issued through his office.

CITY TREASURER'S OFFICE.

82 5th avenue, second floor.
Hours—10 a. m. to 3 p. m.

City Treasurer—Isaac N. Powell, R.
Assistant—William A. Moulton.
Chief Clerk—Albert J. Keefe.
Duties—The treasurer receives all moneys belonging to the corporation, deposits the funds in bank, keeps separate accounts of each fund or appropriation, pays warrants, receives fines and renders monthly accounts of the condition of the treasury to the council. The city treasurer is also treasurer of the following pension funds: Firemen's, public school teachers', public library employes', public school employes' and municipal employes'.

CITY COMPTROLLER'S OFFICE.

200-206 Randolph street, fifth floor.

Comptroller—Walter H. Wilson, R.
Deputy Comptroller—Louis E. Gosselin, D.
Chief Clerk—C. J. O'Connor.
Duties—The comptroller is at the head of the department of finance, of which the treasurer and collector are also members. He is charged with a general supervision over all the officers of the city who take in or pay out city money. He is the fiscal agent of the city and as such has charge of deeds, mortgages, contracts, etc. He audits and settles claims, keeps a record of persons committed to the house of correction, with fines, etc.; keeps books relating to appropriations, makes the annual estimates, signs warrants upon the city treasury, etc

PAYMASTER'S BUREAU.

200-206 Randolph street, fifth floor.

Paymaster—John L. Healy.
Duties—The city paymaster has immediate charge of paying the salaries of city employes, including school teachers and library employes.

CITY COLLECTOR'S OFFICE.

82 5th avenue, first floor.

City Collector—Ernest J. Magerstadt, R.
Deputy City Collector—J. F. McCarty.
Duties—The city collector executes all special assessments and other warrants, receives money for vehicle tax and licenses, pays over to the city treasurer all moneys collected by him, takes receipts therefor and files them with the comptroller.

CORPORATION COUNSEL'S OFFICE.

200-206 Randolph street, sixth floor.

Corporation Counsel—Edward J. Brundage, R.
Assistants—Clyde L. Day, Robert N. Holt, George E. Dierssen, William K. Otis, Clarence N. Boord, William D. Barge, John J. Beilman, Adolph Traub, Eugene H. Dupee, George M. Bagby, Charles M. Haft, Otto C. Bruhlmann, William S. Stahl, Charles G. Hutchinson, Oscar H. Olsen, Franklin A. Denison, Frank L. Childs, Robert R. Jampolis, Paul J. Huxmann, Nelson Thomasson, Jr., James F. Burns, Howard W. Hayes.
Assistant Corporation Counsel and Attorney Board Local Improvements—George A. Mason.
Assistant Corporation Counsels and Assistant Attorneys Board Local Improvements—William E. Mason, Edgar R. Hart, William T. Hapeman.
Assistant Corporation Counsel and Attorney Fire Department—Frank J. Hogan.
Secretary to the Corporation Counsel—Joseph H. Huhn.
Duties—The corporation counsel superintends and, with the assistance of the prosecuting and city attorneys, conducts all the law business of the city; draws the leases, deeds and other papers connected with the finance department and all contracts for any of the other departments of the corporation; drafts such ordinances as may be required of him by the city council or its committees and furnishes written legal opinions upon subjects submitted to him by the mayor or the city council or any department of the city government.

CITY ATTORNEY'S OFFICE.

Room 822 First National Bank building, 119 Monroe street.

City Attorney—Clyde L. Day, R.
Chief Assistant City Attorney—Clyde A. Morrison.
Assistant City Attorneys—Edward C. Fitch, Harry T. Aspern, Bernis W. Sherman, Daniel G. Gerst.
Trial Attorneys—D. H. Wamsley, Joseph J. Sullivan, Frank J. Snite, Henry J. Frercks, Madison R. Harris, Alfred O. Erickson; assistant trial attorneys, Frank J. Lammers, R. W. Donovan, I. S. Berkman, George Shriber, Joel F. Longenecker.
Chief Law Clerk—Arthur S. Friedman.
Duties—The city attorney keeps a register of all actions in courts of record, prosecuted or defended, in which the city may be a party, and defends all damage suits against the city. His chief duty is the defense or settlement of personal injury cases against the corporation. He may be called upon to draft ordinances for the city council or for heads of departments. He is the attorney for the fire pension board.

PROSECUTING ATTORNEY'S OFFICE.

Room 513 Ashland block, 59 Clark street.

Prosecuting Attorney—George H. White, R.
Chief Assistant—Henry M. Seligman.
Chief Clerk—Robert W. Link.
Assistants—Robert C. Busse, James W. Breen, Francis C. Day, Frank N. Hillis, Sigmund S. Jonas, Walter M. Krimbell, J. H. Quasser, Victor Sarner, Charles L. Swanson, Chester W. Church, Charles E. Frazier, Joseph G. Klenha, James E. Purnell, Harry A. Riley, John L. McInerney, Anton T. Zeman, Will C. Moody, Otto L. Kolar, Thomas F. Burke.

DEPARTMENT OF HEALTH.

215 Madison street, third floor.

218 Washington street, first and second floors.

Commissioner of Health—W. A. Evans, M. D., 218 Washington street.
Assistant Commissioner—Gottfried Koehler, M. D., 215 Madison street.
Secretary—E. R. Pritchard, 215 Madison street.
Assistant Secretary—S. F. Manning, 215 Madison-st.
Chief Bureau of Vital Statistics—M. O. Heckard, M. D., 215 Madison street.
Assistant Chief Bureau of Vital Statistics—C. St. Clair Drake, M. D., 218 Washington street.
Chief Bureau of Medical Inspection—Heman Spalding, M. D., 215 Madison street.
Assistant Chief Bureau of Medical Inspection—I. D. Rawlings, M. D., 215 Madison street.
Assistant Chief Bureau of Medical Inspection—Hyman Cohen, M. D., 215 Madison street.
Chief Bureau of Sanitation—Charles B. Ball, 215 Madison street.
Assistant Chief Bureau of Sanitation—Thomas J. Claffy, 215 Madison street.

Chief Bureau of Food Inspection—Benjamin Perry, M. D., 218 Washington street.
Assistant Chief Bureau of Food Inspection—B. E. Sherman, M. D., 218 Washington street.
Fish Inspector—Adolph Burmeister, 218 Washington street.
Director of Laboratory—F. O. Tonney, M. D., 218 Washington street.
City Physician—L. Blake Baldwin, M. D.
Duties—The commissioner of health and his assistants enforce state laws and city ordinances relating to sanitation and cause all nuisances to be promptly abated. They keep records of deaths and other vital statistics, investigate all cases of contagious diseases and take all necessary steps to prevent their spread, such as providing for vaccination, disinfection, etc.
The city physician attends to all cases in the police stations requiring medical attention.

BOARD OF EXAMINERS OF PLUMBERS.
117 Market street.
Master Plumber—C. J. Herbert.
Journeyman Plumber—William H. Petrie.
Secretary—William H. Luthardt.

DEPARTMENT OF PUBLIC WORKS.

200-206 Randolph street, seventh floor.
Commissioner—Bernard J. Mullaney, R.
Deputy Commissioner—Oscar E. Hewitt, R.
Duties—The commissioner of public works is the head of the department of public works, which embraces in addition the city engineer and the superintendents of streets, street cleaning, water, sewerage and maps. He has charge of all the streets, sidewalks, bridges, docks, public lands and buildings, etc.; collects water rents and taxes, water licenses and permits and sewerage permits and licenses, and makes contracts for public improvements not done by special assessment.

CITY ENGINEER'S OFFICE.

200-206 Randolph street, eighth floor.
City Engineer—John Ericson, C. E.
Chief Clerk—W. J. Roach.
Duties—The city engineer has charge of the construction of bridges, viaducts and waterworks and performs all such services for the commissioner of public works as require the skill and experience of a civil engineer.

IN CHARGE OF DIVISIONS.
Construction—George F. Samuel.
Operation—William J. Burns.
Water-Pipe Extension—H. L. Lucas.
Repairs and Shop—F. Miller.
Designing—K. Lehmann.
Inspection and Testing—C. S. Parkes.
Bridges and Viaducts—Thomas G. Pihlfeldt.
Harbor Master—Walter Scott.

BOARD OF SUPERVISING ENGINEERS—CHICAGO TRACTION.

181 LaSalle street.
Secretary and Auditor—F. K. Parke.
Assistant Secretary—Lucius H. Davidson.

BOARD NO. 1.
Chairman and Chief Engineer—Bion J. Arnold.
Representing City of Chicago and Assistant Chief Engineer—George Weston.
Representing Chicago City Railway Company—Harvey B. Fleming.
Representing Chicago Railways Company—John Z. Murphy.

BOARD NO. 2.
Chairman and Chief Engineer—Bion J. Arnold.
Representing City of Chicago and Assistant Chief Engineer—George Weston.
Representing Calumet and South Chicago Railway Company—A. L. Drum.

BUREAU OF WATER.

80 LaSalle street, first floor.
Superintendent—William J. McCourt.
Chief Clerk—John C. Schubert.
Cashier—Otto A. Dreier.
Field Assessor in Charge—Thomas H. Byrne.
Chief Inspector—J. J. Ward.
Duties—The superintendent of water has special charge of the assessment and collection of water rates.

BUREAU OF STREETS.

200-206 Randolph street, fourth floor.
Superintendent—Robert M. Cochrane.
First Assistant Superintendent—Patrick McCarthy.
Second Assistant Superintendent—Charles I. Smith.
Third Assistant Superintendent—Walter G. Leininger.
Duties—The superintendent of streets performs such duties as are required of him by the commissioner of public works or the ordinances of the city. He has special charge of the streets, sidewalks and public ways of the city and of the improvement and repair thereof, except where such repair or improvement is to be paid for by special assessment. The first assistant superintendent performs such duties as may be required of him by the commissioner of public works, the superintendent of streets or the city ordinances, and acts as superintendent in the latter's absence. The second assistant superintendent has charge of the cleaning of the streets and alleys of the city, including the removal and disposition of garbage, litter, dirt, ashes, offal and other materials. He also sees that the ordinances relating to garbage, etc., are enforced and that violations thereof are reported for prosecution. The third assistant has charge of the improvement and repairs of the streets and alleys, except where such repairs or improvements are to be paid for by special assessment.

BUREAU OF SEWERS.

200-206 Randolph street, fourth floor.
Superintendent—C. D. Hill.
Chief Clerk—Ed Cullerton, Jr.
Duties—The superintendent has special charge of the maintenance of sewers, including cleaning and repairing, and also of the issuance of permits for all connections.

BUREAU OF MAPS.

76 5th avenue, fourth floor.
Superintendent—John D. Riley, D.
Duties—Has special charge of city maps and plats and all matters pertaining to street numbering, and is examiner of subdivision.

BUREAU OF COMPENSATION.

200-206 Randolph street, fourth floor.
Superintendent—Henry V. McGurren.

BOARD OF LOCAL IMPROVEMENTS.

City hall, second floor.
Members—Albert F. Keeney, R., president; John Minwegen, D., vice-president; Felix A. Norden, R.; Vincent J. Jozwiakowski, R.; John Burns, R.
Superintendent of Special Assessments and Secretary—Charles A. V. Standish.
Engineer Board of Local Improvements—George C. D. Lenth.
Chief Engineer of Streets—John B. Hittell.
Superintendent of Sidewalks—N. E. Murray.
Chief Clerk Special Assessments—T. Sullivan.
Duties—The board of local improvements is that part of the city of Chicago government created by law for the purpose of making local improvements the cost of which is paid by special assessments or direct taxation on the property directly and indirectly benefited. Among such local public improvements are sewers, house drains, water mains, water service pipes, sidewalks, street and alley paving and the taking of private property by condemnation proceedings for the purpose of opening, extending or widening public highways.

TRACK ELEVATION DEPARTMENT.

200-206 Randolph street, fifth floor.
Track Elevation Superintendent—Walter J. Raymer, R.
Duties—Frames ordinances for the elevation of steam surface roads in Chicago.

DEPARTMENT OF BUILDINGS.

76 5th avenue, room 302
Commissioner—Murdoch Campbell, R.
Deputy Commissioner—Robert Knight.
Assistant Deputy—James A. Short.
Secretary—James M. Slattery.
Assistant Secretary—Bernard J. Larkin.

Duties—The building commissioner sees that new buildings are put up in accordance with the city ordinances, that fire escapes are provided wherever needed, that unsafe structures are demolished or repaired, that safe exits are provided in halls, theaters, etc.

DEPARTMENT OF ELECTRICITY.

76 5th avenue, fourth floor.

City Electrician—William Carroll, D.
Chief Operator—Frank W. Swenie.
Superintendent of Construction—Harry Leser.
Chief Clerk—John B. Porter.
Chief Electrical Inspector—Victor H. Tousley.
Chief Gas Inspector—William B. Burke, R.
Chief Operating Engineer—Frank B. Flynn.
Duties—The city electrician has charge of the construction, repair and maintenance of the city's electric and gas lights, power plants and the police and fire alarm telegraphs; also of the inspection of all electrical installation within the city limits.

BOARD OF EXAMINING ENGINEERS.

117-125 Market street, fifth floor.

Members—Daniel Herlihy, president; D. H. Welch, first vice-president; A. D. Shriner, second vice-president; H. G. McMahon, clerk; John T. Gohring and Charles B. Christner, inspectors; William H. Luthardt, secretary.
Duties—The members of the board, who are practical engineers familiar with the construction and operation of steam boilers and engines, examine all applicants for licenses for engineers and boiler or water tenders, grant licenses and suspend or revoke the same.

DEPARTMENT OF SUPPLIES.

200-206 Randolph street, seventh floor.

Business Agent—William A. Coleman, R.
Duties—The business agent buys all supplies for city departments which involve an expenditure of less than $500. He has nothing to do with supplies used by contractors employed by the city.

BUREAU OF STATISTICS.

200-206 Randolph street, fifth floor.

City Statistician—Francis A. Eastman.
Assistant Statistician—Fred Rex.
Duties—Has charge of the municipal library and collects and publishes statistics relating to the municipality.

HOUSE OF CORRECTION.

California avenue, near 26th street.

Superintendent—John L. Whitman, R.
Deputy Superintendent—P. J. O'Connell.
House of Correction Inspectors—George Mason, John J. Sloan, Charles A. McCulloch.
Duties—The superintendent has charge of the house of correction under the supervision and direction of the board of inspectors, enforces order and discipline, receives prisoners and discharges them on order or on expiration of sentence.

POLICE DEPARTMENT.

Headquarters—200-206 Randolph street, first and seventh floors.
General Superintendent—Le Roy T. Steward, 701, 200 Randolph street.
Assistant Superintendent—H. F. Schuettler, 101, 200 Randolph street.
Secretary Police Department—Simon Mayer, 105, 200 Randolph street.
Chief Clerk—P. McKenna, 105, 200 Randolph street.
Drillmaster—John Bauder, 701, 200 Randolph street.
Custodian—DeWitt C. Cregier, 108, 200 Randolph street.
Inspectors—P. J. Lavin, central division, 274 Madison street; John J. Wheeler, 1st division, Harrison and LaSalle streets; P. D. O'Brien, 2d division, 53d street and Lake avenue; William P. Clancy, 3d division, 4736 South Halsted street; Charles C. Dorman, 4th division, Morgan and Maxwell streets; Nicholas Hunt, 5th division, Desplaines street and Waldo place; Stephen K. Healy, 6th division, 1123 West Chicago avenue; John L. Revere, 7th division, 113 West Chicago avenue.
Captains—Patrick J. Gibbons, John M. Haines, John J. Mahoney, John McWeeney, John J. Halpin, Thomas C. Kane, John Rehm, James O'D. Storen, James Madden, John Alcock, Joseph Kandzia, Charles C. Healey, Stephen B. Wood, Morgan A. Collins, William J. Plunkett, Max L. Danner, W. W. Cudmore.
Duties—The police department is charged with preserving order, peace and quiet and enforcing the laws and ordinances throughout the city. Police officers have the power to make arrests and to serve warrants. They are required to assist firemen in saving property, in giving alarms of fire and in keeping the streets in the vicinity of burning buildings clear. They are also required to take notice of all obstructions and defects in the streets, nuisances, etc.

FIRE DEPARTMENT.

Headquarters, 200-206 Randolph street, room 407.

Fire Marshal—James Horan.
First Assistant Fire Marshal—C. R. Seyferlich.
Second Assistant Fire Marshal—W. J. Burroughs.
Third Assistant Fire Marshal—Thomas O'Connor.
Fourth Assistant Fire Marshal—P. J. Donahoe.
Department Inspector—John C. McDonnell, room 102.
Department Attorney—Frank J. Hogan.
Secretary—William C. Gamble.
Battalion Chiefs—1st, E. J. Buckley; 2d, Arthur Seyferlich; 3d, Jacob Grauer; 4th, Charles N. Heaney; 5th, Ener Anderson; 6th, Thomas Reynolds; 7th, Jeremiah McAuliffe; 8th, Thomas Hackett; 9th, Benjamin O'Connor; 10th, David J. Mahoney; 11th, Martin Lacey; 12th, Joseph L. Kenyon; 13th, Frank Conway; 14th, Michael R. Driscoll; 15th, James Ward; 16th, John F. Smith; 17th, George H. McAllister; 18th, Eugene Sweeney.
Superintendent Insurance Patrol—E. T. Shepherd, 176 Monroe street.
Duties—The fire marshal has sole and absolute control over all persons connected with the fire department and has the custody of the equipment and other property of the department. The fire inspector investigates the causes of fires and keeps a record of the same. The secretary keeps all books and papers of the department and delivers to the city council and other departments the written communications of the fire marshal.

CIVIL-SERVICE COMMISSIONERS.

200-206 Randolph street, fourth floor.

Commissioners—Elton Lower, R., president; Hiram D. Fargo, R.; M. L. McKinley, D.
Secretary and Chief Examiner—Percy B. Coffin.
Attorney—Howard O. Sprogle.
Duties—The commissioners classify offices and places in the city service, examine applicants for employment in such offices and places, certify to the heads of departments as required the names of those standing highest on the list of eligibles, investigate charges against employes in the classified service and remove employes for cause. Two weeks' notice by advertisement of the time and place of holding examinations is given.

ELECTION COMMISSIONERS.

158-174 Adams street, second floor.

Commissioners—Charles H. Kellerman, chairman; Anthony Czarnecki, secretary; Howard S. Taylor.
Chief Clerk—William H. Stuart.
Attorney—Charles H. Mitchell.
Duties—The commissioners fix the election precincts, provide ballot boxes, tally sheets, pollbooks and all other blanks and stationery necessary in an election, select judges and clerks of elections, canvass the returns of votes and, in brief, have charge of everything pertaining to the registration of voters and the holding of all regular, special and primary elections.

DEPARTMENT OF SMOKE INSPECTION.

95-97 Clark street, room 130.

Chief Smoke Inspector—Paul P. Bird, R.
Chief Assistant Smoke Inspector—Robert H. Kuss.
Deputy in Charge—L. R. Stowe.

DEPARTMENT OF BOILER INSPECTION.

95-97 Clark street.

Chief Inspector—John J. Houlihan, R.
Supervising Engineer—R. B. Wilcox.

CITY FORESTER.
200 Randolph street.
City Forester—Jacob M. Prost.

DEPARTMENT OF WEIGHTS AND MEASURES.
117-125 Market street, fifth floor.
Inspector Weights and Measures—J. Kjellander, R.
Chief Deputy—William F. Cluett.

OIL INSPECTOR'S OFFICE.
Room 508, 67 Wabash avenue.
Oil Inspector—Charles W. Andrews, R.

MUNICIPAL LODGING HOUSE.
162 North Union street.
Superintendent—Charles F. Rogers.

DIRECTORY OF CHICAGO CITY OFFICES.

(Most, if not all, of the departments will occupy the new city hall in 1911.)

LEHMAN BUILDING.
200-206 East Randolph street.

First floor—Assistant superintendent of police.
Detective headquarters; chief of detectives.
Chief clerk, detective headquarters.
Secretary, police department.
Telegraph division, police department.
Custodian, police department.
Secretary, fire department.
Chief clerk, fire department.
Attorney, fire department.
Second floor—City council chamber.
Council committee rooms.
Secretary, finance committee.
Sergeant-at-arms, city council.
Bureau of firearms.
Bureau of vehicle inspection.
City Press association.
Third floor—Board of local improvements.
Secretary, board of local improvements.
Bureau of sidewalks.
Chief clerk, special assessments.
Special-assessment rebates.
Fourth floor—Civil-service commission.
Fire marshal.
Bureau of streets.
Bureau of sewers.
Bureau of compensation.
House-moving permits.
Street permits.
Fifth floor—City comptroller.
City auditor.
City paymaster.
City real-estate agent.
Track-elevation department.
Special park commission.
Bureau of statistics; municipal library.
Sixth floor—Corporation counsel.
Traction expert.
Law department, board local improvements.
Seventh floor—Mayor's office.
Secretary to the mayor.
Commissioner of public works.
Deputy commissioner of public works.
Chief of police.
Secretary to chief of police.
Department of supplies.
Business agent.
Chief accountant, department public works.
Eighth floor—City engineer.
Chief assistant engineer.
Chief clerk, bureau of engineering.
Division of bridges and harbors.
Consulting engineer, intercepting sewers.
Division of subways.
Testing division.
Water-pipe extension division.

ASSESSORS' BUILDING.
82 5th avenue.

First floor—City collector.
Deputy city collector.
Second floor—City clerk.
Chief clerk to city clerk.
City treasurer.
Assistant city treasurer.
Firemen's pension board.
Third floor—Bureau of police records.
Photographer, police department.
Department of buildings.
Superintendent of horses, police department.
Fourth floor—Department of electricity.
City electrician.
Gas inspector.
Bureau of maps and plats.

GALBRAITH BUILDING.
215 East Madison street.

First floor—Information office, health department.
Third floor—Commissioner of health.
Secretary, health department.
Division of contagious diseases.
Bureau of sanitary inspection.
Bureau of vital statistics.
Assistant commissioner of health.
218 Washington street.
First floor—City laboratory.
Director's office.
Second floor—Milk inspector.
Food inspector.
Ice inspector.
Hospital and ambulance service.
Recorder of births.
Statistician.

HAMILTON BANK BUILDING.
80 LaSalle street.

First floor—Superintendent, bureau of water.
Assessor, bureau of water.
Meter division, bureau of water.
Shut-off division, bureau of water.
Chief clerk, bureau of water.
Cashier, bureau of water.
Water inspection, bureau of water.
Second floor—Permits, bureau of water.
Plats, bureau of water.
Division new city hall construction.
Third floor—Fire alarm and telegraph.

JOURNAL BUILDING.
117-125 Market street.

Fourth floor—City architect.
Fifth floor—Department of weights and measures.
Board of examiners of plumbers.
Police pension board.
Testing laboratory, board local improvements.
Board of examining engineers.
Sixth floor—Civil-service examination rooms.

Reaper block, 95-97 Clark street—Smoke inspector and inspector of boilers, first floor.
Rand-McNally building, 158-174 Adams street—Board of election commissioners, second floor.
First National Bank building, 119 Monroe street—City attorney, room 822.
Ashland block, 59 Clark street—Prosecuting attorney, room 513.
Borland building, 181 LaSalle street—Board of supervising engineers, tenth floor.
Trude building, 67 Wabash avenue—Oil inspector, room 505.
City physician—72 East Madison street.
Harbor master—Lake street bridge.
Chief vessel dispatcher—Anchor Line building, LaSalle avenue and river.
City warehouse and garage—204 Michigan street.
Municipal lodging house—162 North Union street.
House of correction—California avenue, near 26th street.
Dog pound—Sacramento avenue and 29th street.
Board of examiners of moving pictures—107 East Madison street.

EMPLOYES ON THE CHICAGO CITY PAY ROLLS.

Average number in 1909.

General government	621	Miscellaneous	89	Public library	288
Public safety	7,513	Waterworks	1,917		
Public works	4,472	Board of education	8,310	Total	23,210

SALARIES OF CITY OFFICIALS AND EMPLOYES (1910).

Yearly unless otherwise specified.

MAYOR'S OFFICE.

Mayor	$18,000
Private secretary	5,000
Assistant secretary	3,000
2 stenographers, each	1,500
Messenger	1,500

MUNICIPAL LIBRARY AND BUREAU OF STATISTICS.

City statistician	$3,000
Assistant	1,300
Stenographer	960

TRANSPORTATION DEPT.

Traction expert	$3,000
Stenographer	960

CITY COUNCIL.

Seventy aldermen, each	$3,000
Finance com. chairman	2,000
Finance com. secretary	3,600
Finance com. clerk	1,500
Transportation com. secy.	3,600

HARBOR COMMISSION.

Office assistant	1,020

CHICAGO PLAN COMMISSION.

Secretary	3,000

CITY CLERK.

City clerk	$5,000
Chief clerk	3,600
Reading clerk	2,500
Stenographer and secretary	2,040
Clerks, each, $1,320 to	2,040
Official stenographer	1,680
Sergeant-at-arms	1,000
Janitor council chamber	1,200

LAW DEPARTMENT.

CORPORATION COUNSEL.

Corporation counsel	$10,000
3 assistants, each	6,000
3 assistants, each	5,000
5 assistants, each	4,000
1 assistant	3,600
3 assistants, each	3,000
2 assistants, each	2,500
3 assistants, each	2,000
2 assistants, each	1,500
Fire department attorney	3,000
Secretary corp. counsel	2,500
Law claim investigator	2,000
Clerks, each, $1,000 to	1,500

BOARD OF LOCAL IMPROVEMENTS.

Attorney	$5,000
1 assistant	4,000
2 assistants, each	2,800
Law clerk	2,400
Clerks, each, $900 to	1,500

WATER DEPARTMENT.

Attorney	$2,500
Law clerk	900

PROSECUTING ATTORNEY.

Prosecuting attorney	$4,500
Chief assistant	3,000
3 assistants, each	2,400
16 assistants, each	2,000
Law clerk	1,500
Stenographers, each, $900 to	1,000

CITY ATTORNEY.

City attorney	$6,000
First assistant	3,800
4 attorneys, each	3,600
2 attorneys, each	3,000
1 attorney	2,500
2 attorneys, each	2,150
1 attorney	2,100
1 attorney	1,500
Chief investigator	2,400
4 attorneys, each	1,800
Chief clerk	2,100
Docket clerk	1,800
1 supervisor	1,800
3 investigators, each	1,500
1 investigator	1,300
24 investigators, each	1,200
23 investigators, each	1,000
Stenographers, each, $900 to	1,000

DEPARTMENT OF FINANCE.

COMPTROLLER'S OFFICE.

Comptroller	$10,000
Auditor	4,000
Chief clerk	3,600
General accountant	3,000
Assistant accountant	1,500
Clerks, each, $840 to	1,320

SPECIAL ASSESSMENT DIVISION.

Chief accountant	$1,800
Clerks, each, $960 to	1,320

AUDIT DIVISION.

Clerk in charge	$2,400
Expert accountant	2,400
Clerks, each, $960 to	1,500

PAYMASTER'S DIVISION.

Paymaster	$3,000
2 asst. paymasters, each	1,680
Clerks, each, $1,080 to	1,200

GENERAL CLERICAL DIVISION.

Real-estate agent	$1,800
Paying teller	1,500
Clerks, $960 to	1,200

CITY TREASURER.

City treasurer	$12,000
Assistant treasurer	5,000
Cashier	3,300
Assistant cashier	2,400
Paymaster	2,400
Chief clerk	3,000
Clerks, each, $900 to	1,680

CITY COLLECTOR.

City collector	$6,000
Deputy collector	3,600
Cashier	2,600
Chief clerk, special assessments	1,800
General license clerk	1,500
Bookkeeper	1,500
Bond clerk	1,400
Clerks, each, $960 to	1,500

VEHICLE TAX DIVISION.

Clerk in charge	$1,800
6 clerks, each	1,200
2 clerks, each	1,320
Stenographer	960

ELECTION COMMISSIONERS.

Attorney	$5,000
Clerks, each, $900 to	1,800

CIVIL-SERVICE COMMISSION.

President and commissioner	$5,000
2 commissioners, each	3,000
Secretary	3,000
Examiner in charge records	1,800
Examiners, each, $900 to	1,680
Attorney for trials	3,000
Clerks, each, $960 to	1,800
2 stenographers, each	1,080

DEPARTMENT OF SUPPLIES.

Business agent	$6,000
Chief buyer	2,400
Buyer	2,040
2 buyers, each	1,500
Bookkeeper	1,800
Stockkeeper	2,040
Sales clerk	1,320
Feed inspector	1,500
Material inspector	1,500
Clerks, each, $1,080 to	1,200

POLICE DEPARTMENT.

Superintendent	$8,000
Assistant superintendent	5,000
Secretary	3,600
Secretary to superintendent	2,500
Chief clerk	1,800
Clerk	1,500
Clerk	1,320
4 stenographers, each	1,200

SUBORDINATE OFFICERS.

8 inspectors, each	$2,800
Captain, mounted squad	2,250
16 captains, each	2,250
Drillmaster	1,500
68 lieutenants, each	1,800
371 sergeants, each	1,500

PATROLMEN.

First grade	$900
Second grade	1,000
Third grade	1,200

DETECTIVE BUREAU.

Captain	$2,500
3 lieutenants, each	2,000
Chief clerk	2,500
2 stenographers, each	1,200

BUREAU OF IDENTIFICATION.

Superintendent	$2,250
Finger-print operator	1,200
2 photographers, each	1,100

DEPARTMENTAL STABLES.

Superintendent of horses	$2,400
Veterinary surgeon	2,400
27 hostlers, each	960

TELEGRAPH BUREAU.

Chief operator	2,000
Assistant operator	1,500
146 operators, each	1,000

REPAIR SHOP.

Superintendent	$1,800
Clerk	960
Tinner	1,408
Machinist	1,565
Harnessmaker	1,408
Glazier	1,377
Station repairer	1,252

MISCELLANEOUS.

Custodian	$1,800
Electrician	1,800
Sergeant	1,700
Printer	1,500
Chief matron	1,200
46 matrons, each	900
3 investigators, each	1,000
56 janitors, each	780

MUNICIPAL COURT.

OFFICE OF CHIEF JUSTICE.

Chief justice	$7,500
27 judges, each	6,000
Assistant to chief justice	4,000
Executive assistant	4,000
Assistant to chief justice	1,800
Assistant to chief justice	1,500
Auditor	2,500

CLERK'S OFFICE.

Clerk	$6,000
Chief deputy clerk	4,000
Attorney	3,000
Deputy clerks, each, $300 to	3,000

BAILIFF'S OFFICE.

Bailiff	$6,000
Chief deputy bailiff	4,000
Attorney	3,000
Dep'y bailiffs, each, $900 to	2,500

HOUSE OF CORRECTION.

Superintendent	$3,000
Assistant superintendent	1,800
Chief engineer	2,100
Physician	2,400
Chief clerk	1,800
Supervisors, each, $900 to	1,680
Matrons, each, $660 to	900
Guards, each, $900 to	1,200

DOG POUND.

Superintendent	$1,600
Kennelman	1,200
9 dog catchers, each	1,200
Hostler	900

FIRE DEPARTMENT.

Fire marshal	$8,000
First assistant	5,000
Second assistant	4,000
Third assistant	3,500
Fourth assistant	3,500
Secretary	2,500
Chief clerk	2,200
Assistant secretary	2,000
Storekeeper	1,815
Veterinary surgeon	2,500

Chief of battalion..... 3,250
18 battalion chiefs, each... 2,750
153 captains, each..... 1,815
156 lieutenants, each..... 1,529
125 engineers, each..... 1,518
116 asst. engineers, each.... 1,265
20 stokers, each..... 1,265
Firemen, 1st class, each.... 1,247
Firemen, 2d class, each.... 1,155
Firemen, 3d class, each.... 1,056
15 pilots, each..... 1,680
8 hostlers, each..... 960
2 chauffeurs, each..... 1,247

REPAIR SHOP.

Superintendent $2,000
Machinist 1,800
Mechanical engineer..... 1,212
Driver 1,247

FIRE ALARM TELEGRAPH.

Main Office.

Chief operator..... $2,600
Superintendent construction 2,500
3 operators, each..... 2,000
3 assistant operators, each 1,700
1 assistant operator..... 1,320
1 repairer..... 1,200
Chief repair shop..... 2,500

Branch Office.

3 operators, each..... $2,000
3 assistant operators, each. 1,700

BUILDING DEPARTMENT.

Building commissioner..... $6,000
Deputy commissioner..... 4,000
Secretary 2,400
Asst. dep. commissioner.... 2,500
Architectural engineer..... 2,400
3 inspectors, each..... 1,800
Chief elevator inspector.... 1,700
Examiner of plans..... 1,800
Chief permit clerk..... 1,320
Chief elevator clerk..... 1,320
Assistant secretary..... 1,680
6 clerks, each..... 1,200
1 clerk..... 1,080
Stenographer 1,200
48 inspectors, each..... 1,399

HEALTH DEPARTMENT.

COMMISSIONER'S OFFICE.

Commissioner $8,000
Assistant commissioner..... 4,000
Secretary 3,000
Assistant secretary..... 2,040
Accountant 1,200
Clerks, each, $960 to..... 1,200

DIVISION OF CONTAGIOUS DISEASES.

Bureau chief..... $3,600
Assistant chief..... 2,400
30 health officers, each..... 800
Disinfector in charge..... 2,040
20 disinfectors, each..... 1,000
Clerks, each, $840 to..... 1,080

BUREAU OF VITAL STATISTICS.

Bureau chief..... $2,800
Assistant 2,040
Clerk 1,200
Clerk 1,080
6 funeral inspectors, each.. 1,000
Stenographer 960

ISOLATION HOSPITAL.

Superintendent $1,000
Resident physician..... 1,800
8 nurses, each..... 800

CONTAGIOUS DISEASE HOSPITAL.

Superintendent $1,800
2 engineers, each..... 1,200
2 firemen, each..... 900
10 nurses, each..... 780

AMBULANCE SERVICE.

Bureau chief..... $2,500
Clerk 1,080
16 surgeons, each..... 1,200
2 attendants, each..... 1,200
Chauffeur 1,200

PUBLIC BATHS.

13 superintendents, each.... $1,200
17 assistants and firemen, ea. 900
20 helpers, each..... 660

ICE, MILK, MEAT AND FOOD INSPECTION.

Bureau chief..... $2,100
Fish inspector..... 1,900
Food inspector, chief..... 1,500
31 food inspectors, each.... 1,000
10 food inspectors, each.... 1,100
Clerks, each, $840 to..... 960

SANITARY BUREAU.

Bureau chief..... $2,500
Assistant chief..... 1,800
4 supervisors, each..... 1,600
23 plumb'g inspectors, each, 1,404
1 sanitary inspector..... 1,400
43 sanit'y inspectors, each, 1,200
Clerks, each, $840 to..... 1,500

BOARD OF PLUMBING EXAMINERS.

Examiner $1,500
Clerk 960

LABORATORY.

Superintendent $2,500
Bacteriologist 2,000
2 asst. bacteriologists, ea.. 1,600
2 chemists, each..... 1,500
2 asst. chemists, each..... 1,200
Milk chemist..... 1,200
Clerk 960
Stenographer 960

MUNICIPAL LODGING HOUSE.

Superintendent $1,400
Assistant 900
Janitor 720

CITY PHYSICIAN.

City physician..... $4,000
Assistant city physician... 2,000

DEPARTMENT OF TRACK ELEVATION.

Commissioner $5,000
Engineer 4,800
Secretary 1,500

DEPARTMENT OF INSPECTION OF STEAM BOILERS AND STEAM PLANTS.

Boiler inspector..... $3,600
Mechanical engineer..... 3,000
Chief clerk..... 1,500
Deputy boiler inspector..... 1,800
8 boiler inspectors, each... 1,300
Clerks, each, $900 to..... 1,080
2 inspectors, each..... 1,500

DEPARTMENT OF WEIGHTS AND MEASURES.

Inspector $3,600
Chief deputy..... 2,100
7 deputies, each..... 1,200
6 deputies, each..... 1,100
5 deputies, each..... 1,000

DEPARTMENT OF SMOKE INSPECTION.

Smoke inspector..... $4,000
Assistant inspector..... 3,000
Chief deputy..... 1,800
11 deputies, each..... 1,500
14 assistants, each..... 1,000
Clerks, each, $960 to..... 1,500

BOARD OF EXAMINERS (ENGINEERS).

Clerk $1,500
3 license inspectors, each... 1,200
Stenographer 960

BOARD OF LOCAL IMPROVEMENTS.

President $5,000
4 members of board, each.. 4,000
Supt. special assessments.. 4,000
Chief clerk..... 3,000
Assistant chief clerk..... 2,040
Special assessment clerk... 2,400
6 special assmt. clerks, ea. 2,040
Accounting clerk..... 2,040
Recording secretary..... 1,800
Clerks, $720 to..... 1,800
Stenographers, $840 to..... 1,200
Engineer of board..... 3,600
Chief street engineer..... 3,600
Superintendent of sidewalks. 3,000
Asst. supt. of sidewalks.... 1,500
Civil engin'rs, ea., $1,300 to 2,160
Rodmen, each..... 1,080
Inspectors, each, $1,200 to.. 2,000
Cement tester..... 2,400
Asphalt chemist..... 2,200

CITY MARKETS.

Market master (Haymarket) $945
Market master (Dayton-st.) 1,000

SPECIAL PARK COMMISSION.

ADMINISTRATION.

Secretary $1,800
Stenographer 840

SMALL PARKS.

Superintendent $2,500
Attendant 756

PLAYGROUNDS.

Superintendent $1,800
Playground dirtrs., $1,020 to 1,200
Physical instructors, each.. 720

CITY FORESTER.

City forester..... $2,000

BATHING BEACHES.

Directors, ea., per mo., $75 to $80

DEPARTMENT OF ELECTRICITY.

OFFICE OF CITY ELECTRICIAN.

City electrician..... $6,500
Chief clerk..... 2,800
Voucher clerk..... 1,500
Clerk 1,500
Clerk 1,080
Stenographer 1,200

FIRE ALARM AND POLICE TELEGRAPH.

Repairs.

General foreman..... $1,800
Foremen of linemen, each.. 1,500
Stockkeeper 1,200
Repairers, each..... 1,080
Groundman 900

Operation.

Assistant operator..... $1,700
Repairers, each, $1,080 to.. 1,500
Battery man..... 1,199
2 battery men, each..... 1,000

ELECTRICAL INSPECTION.

Electrical inspector..... $2,000
22 inspectors, each..... 1,500
Collector 1,500
Stenographer 1,080
Clerks, each..... 960

MUNICIPAL ELECTRIC LIGHTING SYSTEM.

Chief engineer..... $2,500
Engineers, each, $1,500 to.. 1,600
Draftsman 1,440

Circuits, Conduits and Posts.

2 foremen, each..... $1,800
1 foreman..... 1,500
Light repairers, each..... 1,500
Clerk 1,080
Interior wireman..... 1,650
Load dispatcher..... 1,500

Arc Lamps.

Chief lamp trimmer..... $1,800
8 lamp repairers, each..... 1,200
86 lamp trimmers, each.... 1,000
19 lamp trimmers, each.... 1,044

GAS LIGHTING SYSTEM.

Inspector's Office.

Gas inspector..... $3,600
Gas lamp inspector..... 1,596
Supervisors, each..... 1,416
Gas meter testers, each... 1,200
Gas lamp checker..... 1,200

Tetrametric Stations.

Chief gas tester..... $2,500
2 assistant testers, each... 1,200

Maintaining Gas Lamps.

Lamplighters, 1c per night per lamp and 10c per lamp per month for mantel lamps.

Miscellaneous.

Electrician city hall..... $1,500
Examiner moving picture operators 1,200

DEPARTMENT OF PUBLIC WORKS.

COMMISSIONER'S OFFICE.

Commissioner	$10,000
Deputy commissioner	5,000
Chief accountant	2,250
Private secretary	2,100
Contract clerk	2,000
Bookkeeper	1,500
Voucher and pay-roll clerk	1,500
5 clerks, each	1,320
Messenger	960

BUREAU OF COMPENSATION.

Chief clerk	$2,400
Stenographer	1,000
Clerk	900

BUREAU OF MAPS AND PLATS.

Superintendent	$3,000
Clerks, each, $1,200 to	1,500
Draftsmen, each, $1,080 to	1,440
Title expert	1,800
Assistant title expert	1,200

BUREAU OF ARCHITECTURE.

City architect	$4,500
Draftsman	2,000
Draftsman	1,500
Clerk	1,500

BUREAU OF CITY HALL.

Chief janitor	$1,800
Elevator starter	1,100
Elevator operator	1,000
Watchman	900
Caretakers, each	720

BUREAU OF STREETS.

Superintendent's Office.

Superintendent	$5,000
1st asst. superintendent	3,000
2d asst. superintendent	3,840
Ward superintendent	2,200
Clerks, each, $960 to	1,320
House-moving inspector	1,500
Secretary	1,500
2 engineers, each	1,800
2 rodmen, each	1,080
Inspectors, each	999

Ward Supervision.

35 ward supts., each	$2,200
Timekeeper	1,200

Street Repairs.

Asst. superintendent	$3,600
Engineer	1,600
Chemist	2,000

Public-Utility Inspection.

Inspector in charge	$2,000
16 inspectors, each	1,800

BUREAU OF SEWERS.

Superintendent	$4,000
Assistant engineer	2,500
Stenographer	1,080
2 clerks, each	1,500

Pumping Stations (Sewage).

Engineers, each, $1,460 to	$1,600
Firemen, each	1,080
Oilers, each	1,080

Repairing Sewers.

Foreman bricklayers	$2,200
Assistant foreman	1,800
Civil engineer	1,800
Timekeeper	1,080
Inspector	1,080

Catch Basins and Manholes.

Assistant foreman	$1,800
Foreman carpenter	1,600

House Drains.

Drain inspector	$1,800
Mason inspector	1,800
Clerks, each, $1,200 to	1,500
Junction setters, each	1,800
Draftsman	1,200

BUREAU OF ENGINEERING.

City engineer	$8,000
1st assistant engineer	5,000
Chief clerk	2,600
Accounting clerk	1,800
Clerks, each, $1,200 to	1,500

Testing Division.

Chief tester	$3,000
Metallurgical chemist	1,800
Cement inspector	1,500
Laboratory assistant	1,200
Instrument man	1,200
Civil engineer	1,400

Cribs.

5 cribkeepers, each	$1,200
Assistant cribkeepers, each	1,000
Diver	2,400

Pumping Stations (Water).

Chief engineer	$3,000
8 chief engineers, each	2,500
28 mech. engineers, each	2,000
Other engrs., each, $1,200 to	1,400
Oilers, each	1,080
Firemen, each	1,080
Coal passers, each	1,000
Chief steamfitter	1,800
Machinists, each	1,440

Water-Pipe Extension.

Water Work Surveys—Operation.

Pitometer expert	$3,000
Pitometer expert	2,400
2 civil engineers, each	1,320
Draftsman	1,200
Engineer	1,200
Rodman	1,080

Mains, Hydrants and Valves—Repairs and Replacements. Superintendent's Office.

Superintendent	$4,500
Assistant superintendent	2,100
Civil engineer	2,160
Clerks, each, $1,080 to	1,800
Plumbing inspector	1,800
Draftsmen, each	1,200

Pipe Yards.

Superintendent	$1,800
Foreman of carpenters	1,600
4 foremen, each	1,200
Clerk	1,080

Tapping and Retapping.

Foreman of laborers	$1,500
Tappers, each	1,200

Water Works Shops and Repairs Division.

Superintendent	$2,500
Assistant superintendent	1,800
Foremen, each, $1,620 to	1,800
Draftsman	1,500
Clerks, each	1,200
Stockkeeper	1,080
Mechanical engineer	1,200

Division of Bridges and Harbors. Superintendence.

Engineer in charge	$5,000
Structural-iron designer	3,600
Clerk	1,800
Clerk	1,200
Stenographer	1,200

Bridge Repairs.

Asst. engineer in charge	$2,100
Shopkeeper	1,380
Marine pilot	1,200
Marine engineer	1,200
Deckhand	900
Foreman machinists	2,000
Other foremen, ea., $1,620 to	2,000

Bridge Operation.

Superintendent bridges	$2,616
66 bridge tenders, each, per month	100
115 bridge tenders, each per month	75

River and Harbor.

Assistant engineer	$1,500
Harbor master	1,800
Vessel dispatcher	1,200
5 asst. harbor masters, ea.	1,200
2 asst. ves. dispatchers, ea.	1,080
2 rodmen, each	1,080

BUREAU OF WATER.

SUPERINTENDENT'S OFFICE.

Superintendent	$4,500
Cashier	2,500
Assistant cashier	2,000
Chief accountant	2,040
Registrar	1,500
Clerks, each, $960 to	1,500
Secretary	1,500

COLLECTION DIVISION.

GENERAL.

Chief clerk	$2,800
Janitor	1,200
Clerk	1,080

ASSESSED RATES SUBDIVISION.

Chief night clerk	$1,500
6 division clerks, each	1,500
40 clerks, each	1,200

METER-RATE SUBDIVISION.

Assistant chief clerk	$1,500
15 rate takers, each	1,200
Voucher clerk	1,320
13 clerks, each	1,200
Expert testers, each	1,350

ASSESSOR'S DIVISION.

GENERAL.

Assessor	$3,500
Deputy assessor	1,500
5 assistant assessors, each	1,320
Custodians, each	1,200
Clerks, each, $1,200 to	1,500
Field assessor	1,800

SHUT-OFF SUBDIVISION.

Foreman	$1,080
Shut-off men, each	900

PERMIT AND MAP SUBDIVISION.

Clerk	$1,500
Clerk	1,500
Draftsman	1,500
5 draftsmen, each	1,080

METER MECHANICAL DIVISION.

Foreman	$2,400
Clerk in charge	1,320
2 assistant foremen, each	1,500
5 clerks, each	1,200
1 clerk	960

OIL INSPECTOR.*

Chief oil inspector	.....
Chief deputy	$1,800
Deputies, each, $900 to	960

*The salaries and expenses of the chief and deputy oil inspectors are now paid from the fees of the office, the chief inspector retaining the residue.

PUBLIC LIBRARY.

Librarian	$6,000
Secretary	3,750
Assistant librarian	3,300
Director of training class	1,500
Supervisor of school work	1,500
Superv'r of home educat'n	1,500
Editor of publications	1,620
Supervisor of branches	1,800

Class 4—Department heads: Grade A, $1,500; grade B, $1,620; grade C, $1,800; grade D, $2,040.

Class 3—Senior assistants: Grade A, $960 to $1,140; grade B, $1,200 to $1,500.

Class 2—junior assistants: Grade A, $420 to $600; grade B, $660 to $900.

Class 1—Pages, $300, $360 and $420.

CHICAGO AT A GLANCE.

Fort Dearborn established		1803
Fort Dearborn massacre	Aug. 15.	1812
Chicago surveyed and platted		1830
Cook county organized		1831
Town of Chicago incorporated	August,	1833
City of Chicago incorporated	March 4,	1837
First election held	March 31,	1837
First railroad opened		1848
Cholera epidemic		1854
Serious money panic		1857
Great fire (loss $200,000,000)	Oct. 8-9,	1871
Second financial panic		1873
City incorporated under general law, April 23,		1875
Savings bank crash		1877
World's Fair held		1893
Centennial celebrated	Sept. 26-30,	1903
Iroquois theater fire	Dec. 30,	1903

Population in 1910—2,185,283.
Appropriations, all purposes (1910)—$60,282,670.13.
Area in square miles—191.
Assessed valuation—$848,994,536.
Asylums—89.
Banks, national, state and private—109.
Boulevards, mileage of—48.
Building permits issued (1909)—11,241.
Buildings erected (1909), value of—$90,559,580.
Cemeteries, number of—51.
Churches, chapels and missions—1,150.
Clearings by associated banks (1909)—$13,781,843,612.86.
Dispensaries—27.
Duties collected on imported merchandise (1909)—$10,160,635.51.
Elevation—Above sea level, 582 feet; above Lake Michigan, 25 feet.
Employes on city pay rolls (1909)—23,210.
Firemen, number of, including officers—1,838.
Fire alarm boxes—1,917.
Fireboats—6.
Fire engines, number—126.
Fire hydrants, number—23,339.
Fire cisterns—117.
Fire hook and ladder companies—34.
Halls, public—450.
Hospitals—74.
Imports of merchandise (1909)—$25,542,231.
Internal revenue collected in Chicago district (1909)—$8,210,708.39.
Latitude—N. 41 deg. 53 min. 6 sec.
Length of city, north to south, miles—26.
Libraries—21.
Lights, electric, in service—12,402.
Lights, gas, in service—18,313.
Lights, gasoline, in service—6,806.
Longitude—87 deg. 38 min. 1 sec. west.
Mail, pieces of, handled, fiscal year 1910—1,519,248,775.
Manufactures in 1905, value of product—$955,036,277.
Medical schools—37.
Newspapers and periodicals—725.
Parks, area of in acres—4,388.
Policemen, number of, including officers—4,733.
Postal receipts, year ended June 30, 1910—$18,065,194.84.
Pupils enrolled in public schools (1910)—300,893.
Railroads (divisions not included) entering Chicago—26.
Saloons, number of (Dec. 1, 1910)—7,152.
Schools, public, number of (not including branches)—280.
Sewers, mileage of—1,724.
Sidewalks, mileage of—5,000.
Street, longest (Western avenue), miles—22.
Street railway mileage—1,350.
Streets and alleys, improved, miles—1,674.
Streets and alleys, unimproved, miles—2,641.
Streets and alleys, total mileage—4,315.
Teachers in public schools, number of—6,383.
Theaters—64 (5-cent theaters, 495).
Tonnage of vessels cleared in 1908—7,290,745.
Value (actual) of real estate and personal property, 1910—$2,546,983,608.
Water used in a year (1909), gallons—175,939,500,000.
Width of city, east to west, miles—9.

POPULATION OF CHICAGO.

Federal census, 1910	2,185,283
City directory estimate, 1910	2,329,013

POPULATION BY CENSUS YEARS.

1840	4,479	1880	503,298
1850	28,269	1890	1,099,850
1860	109,206	1900	1,698,575
1870	298,977	1910	2,185,283

POPULATION BY DIVISIONS.

[School census reports.]

Year.	South.	West.	North.	Total.
Dec., 1853	26,592	14,679	17,859	50,130
Aug., 1856	30,339	28,250	25,524	84,113
Oct., 1862	45,470	57,193	35,525	138,186
Oct., 1864	56,955	73,475	38,923	169,353
Oct., 1866	58,755	90,739	50,924	200,418
Oct., 1868	71,073	118,435	62,546	252,054
Aug., 1870	87,461	149,780	70,354	306,605
Oct., 1872	88,946	214,344	64,556	367,396
Oct., 1874	96,771	220,874	77,763	395,408
Oct., 1876	104,768	222,545	80,348	407,661
Oct., 1878	111,116	237,606	88,009	436,731
June, 1880	122,032	269,971	99,513	491,516
June, 1882	135,648	312,687	112,258	560,693
May, 1884	149,564	351,931	128,490	629,985
May, 1886	172,379	392,905	138,533	703,817
May, 1888	194,164	454,267	154,220	802,951
May, 1890	413,922	555,983	238,764	1,208,669
May, 1892	515,736	645,428	279,846	1,438,010
May, 1894	562,980	696,535	307,212	1,567,727
Apr., 1896	585,298	734,245	286,870	*1,600,413
May, 1898	680,527	844,244	326,817	1,851,588
May, 1900	725,691	938,883	343,121	2,007,695
July, 1904	652,093	764,621	297,430	1,714,144
May, 1908	724,018	872,056	327,986	1,924,060

*Exclusive of 16,222 unclassified.

NOTE—No census of adults was taken by the school board enumerators in 1906 or 1910.

HUNTING ACCIDENTS OF THE SEASON (1910).

	Killed.	Injd.		Killed.	Injd.		Killed.	Injd.
Colorado	2	..	Minnesota	9	7	Oklahoma	3	..
Illinois	3	1	Montana	1	..	Oregon	6	..
Indiana	3	2	New Hampshire	1	1	Pennsylvania	3	..
Iowa	..	1	New York	15	10	Tennessee	1	..
Kentucky	3	..	North Dakota	2	1	Washington	1	..
Maine	9	20	Ohio	5	7	Wisconsin	14	22
Michigan	27	4						

	Killed.	Injd.
Texas	1	..
Vermont	1	1
Alaska	2	..
British Columbia	1	..
Totals	113	81

The loss of life in 1909 was eighty-seven; in 1908, fifty-seven; in 1907, eighty-two, and in 1906, seventy-four.

ATTEMPTED REVOLUTION IN MEXICO.

Nov. 20, 1910, was the date set for a general uprising of the opponents of President Diaz in Mexico, but the plot was discovered some days in advance of its execution and the government took vigorous action. The first serious clash took place Nov. 18, in the city of Puebla, where nearly 200 anti-re-electionists, as the rebels were called, were killed by the police and military. Rioting and bloodshed also occurred in Orizaba, Zacatecas, Chihuahua and other places. The revolutionists showed the greatest strength in the north, where they were led by Francisco I. Madero, who was a candidate for the presidency in opposition to Porfirio Diaz. Before the end of November the movement came to an end in utter failure.

CHICAGO WATERWORKS SYSTEM.

The following table shows the growth of Chicago's waterworks system by decades since 1854, when the first large pumping station at Chicago avenue and the lake was built, and by years since 1900:

Year.	Population (school census).	Gallons pumped per day.	Gallons per capita.	Water pipe mileage.	Total revenue.
1854..	65,872	591,083	8.9	30.0	.....
1860..	109,260	4,703,525	43.0	91.0	$131,162.00
1870..	306,605	21,766,260	70.9	272.4	539,180.00
1880..	491,516	57,384,376	116.7	455.4	865,618.35
1890..	1,208,669	152,372,288	126.0	1,205.0	2,109,508.00
1900..	2,007,695	322,599,630	160.6	1,872.0	3,250,481.85
1901..	*1,786,266	342,824,449	191.9	1,890.0	3,370,600.88
1902..	*1,844,661	358,101,710	194.1	1,918.0	3,611,558.81
1903..	*1,903,096	376,015,974	196.0	1,939.0	3,689,625.80
1904..	*1,962,251	398,985,350	203.3	1,978.0	3,834,541.30
1905..	*2,060,000	410,850,106	200.0	2,038.0	4,019,205.88
1906..	*2,140,000	436,954,473	204.2	2,073.0	4,281,065.50
1907..	*2,225,000	454,615,954	204.3	2,153.0	4,450,349.61
1908..	*2,300,000	467,772,045	204.0	2,188.9	4,648,299.54
1909..	.....	479,210,000	223.0	2,229.9	5,246,635.77

*Federal census estimate.

In 1909 the total amount of water pumped was 175,939,500,000 gallons.

The pumping stations with the year of construction of each follow:

Chicago avenue.....1854	Washington Heights.1892
Twenty-second street.1875	Norwood Park.....1897
Harrison street.....1889	Central Park.....1900
Lake View.....1892	Springfield avenue....1901
Fourteenth street....1892	Rogers Park.....1899
Sixty-eighth street...1892	

The total daily capacity of the waterworks in gallons is 635,000,000.

WATER TUNNELS.

One 5-foot tunnel from two-mile crib to Chicago avenue pumping station; built 1867; cost $464,866.95.

One 7-foot tunnel from two-mile crib to Chicago avenue pumping station; built 1874; cost $415,709.36.

One 7-foot tunnel from two-mile crib to Chicago avenue pumping station; built 1887-1895; cost $342,786.64.

One 8-foot tunnel from four-mile crib to 14th street pumping station; built 1892; cost $1,104,744.12.

One 10-foot tunnel from Carter H. Harrison crib to foot of Oak street; built 1898; cost $677,577.55.

One 7-foot tunnel from Lake View crib to Lake View pumping station; built 1896; cost $701,792.45.

One 7-foot tunnel from Hyde Park crib to 68th street pumping station; built 1898; cost $771,556.07.

One 14-foot tunnel from Hyde Park to 73d street and Railroad avenue.

LAND TUNNELS.

One 7-foot tunnel from Chicago avenue pumping station to 22d street pumping station; built 1874; cost $542,912.63.

One 7-foot tunnel from Park row shaft to foot of Peck place and thence to Harrison street pumping station; built 1891; cost $279,848.78.

One 6-foot connecting tunnel in Jefferson street from Van Buren to Harrison; built 1891; cost $15,968.17.

One 10-foot tunnel foot of Oak street to Green street and Grand avenue, and two 8-foot tunnels from that point to Central Park avenue and Springfield avenue pumping stations respectively; built 1900; cost $2,121,525.02.

One 7-foot tunnel connecting above 10-foot tunnel with Chicago avenue pumping station (remodeled); built 1898; cost $42,436.45.

One 9-foot tunnel from 104th street and Stewart avenue to 73d and State streets; one 12-foot tunnel in 73d street from State street to Yates avenue, and one 14-foot tunnel from Yates avenue to Railroad avenue; in course of construction; estimated cost, $3,000,000.

One 7-foot tunnel in Polk street connecting Peck place shaft and Jefferson street shaft.

One 8-foot tunnel from Chicago avenue to 22d street and Ashland avenue; built, 1907-8; cost, $651,071.89.

WATER-PIPE TUNNELS UNDER CHICAGO RIVER.

Dimen'ns in ft.	Length in ft.	Year built.	Cost.	Location.
5.....	280	1871	$7,550.00	Adams-st.
6.....	249	1871	7,633.00	Archer-av.
7½x10½...	235	1891	17,453.56	Ashland-av.
6.....	306	1871	7,750.00	Chicago-av.
5.....	227	1889	6,875.00	Clybourn-pl.
6.....	468	1903	13,324.00	Division-st.*
7x8½.....	330	1871	11,220.00	Division-st.
8.....	297	1880	14,609.00	18th-st.
6½x9.....	314	1880	7,883.00	Harrison-st.
6x7.....1,548		1899	35,561.75	Drainage canal.
5.....	403	1895	29,614.53	N. Western-av.
5.....	435	1880	11,250.00	Rush-st.
7x10.....	241	1892	17,495.20	35th-st.
6.....	311	1876	7,550.00	Throop-st.
7x8.....	345	1905	28,584.54	Montrose-bd.
7½.....1,680		1907	61,307.10	Ashland-av.
7x8½.....	335	1907	24,831.30	Indiana-st.
7x8½.....	450	1907	21,003.48	Diversey-bd.

*Under canal.

WATERWORKS CRIBS.

Name.	Built.	Cost.
Two-mile 1867		$106,679.63
Four-mile 1891		472,890.93
Lake View.....1896		164,085.82
Hyde Park.....1896		137,624.77
C. H. Harrison.....1900		232,738.10

VALUE OF WATERWORKS PROPERTY.

The total appraised value of the Chicago waterworks property Dec. 31, 1909, was $51,714,138.80, divided as follows: Real estate, $819,237.48; buildings, $1,271,246.09; equipment, $4,534,815.88; cribs, tunnels, mains, etc., $45,088,839.35.

CHICAGO ASSOCIATION OF COMMERCE.

Organized in 1905.

President—Harry A. Wheeler.
General Secretary—Howard Elting.
General Treasurer—John F. Smulski.
Vice-Presidents—Interstate, John P. Mann; civic-industrial, A. R. Barnes; local, E. Louis Kuhns; foreign trade, Edward E. Swadener.
Directors—F. S. Apt, Tracy D. Drake, August Gatzert, Robert B. Gregory, T. Edward Wilder, Darius Miller, John W. Scott, George W. Sheldon, George A. Tripp, Charles H. Wacker, William A. Wieboldt, John M. Roche, Ira M. Cobe, Hugo DuBrock, Milton S. Florsheim, Homer A. Stillwell, A. C. Bartlett, Joseph Basch, William A. Bond, George M. Reynolds.
General Manager—Walter D. Moody.
Headquarters—77 Jackson boulevard.

STREET LIGHTING IN CHICAGO.

Number of lights of specified kinds used in 1906, 1907, 1908 and 1909.

Light.	1906.	1907.	1908.	1909.
Gas	23,594	22,735	21,798	18,313
Gasoline	5,832	6,729	7,088	6,806
Electric (by city)	6,692	7,647	8,602	11,592
Electric (rented)	746	800	678	810
Total operated.	36,864	37,911	38,166	37,521
Total cost.....$960,048		$1,031,549	$1,018,573	$1,034,822

In 1909 the cost of operating the various kinds of light was as follows: Gas, $297,488.11; gasoline, $180,070.37; rented electric lights, $62,124.15; municipal electric lights, $478,222.00. The cost of maintaining each arc light operated from a municipal plant was $41.25; cost per light for rented arc lights, $75.00.

FINANCES OF THE CITY OF CHICAGO (1909).

[From annual report of Comptroller Walter H. Wilson.]

CORPORATE PURPOSES.

REVENUE.

Taxes	$9,284,412.09
Miscellaneous	10,717,460.85
General corporate bonds	1,500,000.00
Judgment funding bonds	200,000.00
Electric light deposits	5,796.88
Street lamp deposits	315.92
Total, 1909	21,707,985.74
Total, 1908	22,670,317.91

EXPENSE.

Operating	$16,986,911.23
Repairs and renewals	1,818,448.60
Interest	1,300,095.59
Construction and betterments	2,112,169.07
Judgments	194,895.78
Total, 1909	22,412,520.27
Total, 1908	23,011,183.18

VEHICLE TAX FUND.

REVENUE.

Balance, Dec. 31, 1908	$7,197.60
Vehicle tax licenses	501,816.77
Interest on funds	2,399.44
Less refunds	18.46
Net receipts	504,197.75
Total, 1909	511,395.35
Total, 1908	439,869.68

EXPENSE.

Repair—Macadam pavements	$224,748.23
Asphalt pavements	125,610.11
Brick pavements	26,059.13
Cedar block pavements	21,650.85
Granite block pavements	83,949.23
Creosoted block pavements	2,337.13
Cost of collection	21,941.31
Total, 1909	506,298.99
Total, 1908	433,056.33

WATERWORKS.

REVENUE.

Ordinary*	$5,241,638.62
Sale boiler plant	5,000.00
Total, 1909	5,246,638.62
Total, 1908	6,355,258.63

EXPENSE.

Operating	$1,798,107.77
Repairs and renewals	745,701.76
Interest	270,598.38
Construction and betterments	2,310,358.01
Redemption certificates	52,579.09
Redemption loan bonds	225,000.00
Judgments	21,205.02
Total, 1909	5,423,550.03
Total, 1908	6,229,320.83

*The receipts from assessed rates in 1909 were $2,835,222.40, and from meter service $2,166,224.52.

SCHOOLS.

REVENUE.

Taxes	$12,830,523.81
Miscellaneous	1,022,492.00
Total, 1909	13,853,015.81
Total, 1908	13,553,257.38

EXPENSE.

Operating	$9,265,181.71
Repairs and renewals	345,829.28
Interest	28,804.43
Bonds and investments	12,200.00
Construction and betterments	3,048,893.18
Total, 1909	12,700,908.60
Total, 1908	11,939,095.16

PUBLIC LIBRARY.

REVENUE.

Taxes	$342,425.02
Miscellaneous	3,097.33
Total, 1909	345,522.35
Total, 1908	337,360.51

EXPENSE.

Operating	$258,860.88
Repairs and renewals	14,399.28
Increase of library	29,087.15
Total, 1909	302,347.31
Total, 1908	291,297.02

SPECIAL ASSESSMENTS.

REVENUE.

City collector	$2,055,262.73
County collector	3,511,272.07
Interest	59,284.97
Adjustments	26,599.45
Total, 1909	5,652,419.22

EXPENSE.

Warrants on treasurer	$5,126,816.01
Adjustments	24,962.11
Total, 1909	5,151,778.12

TOTAL REVENUE (1909).

Corporate	$21,707,985.74
Vehicle tax	511,395.35
Waterworks	5,246,638.62
Schools	13,853,015.81
Public library	345,522.35
Special assessments	5,652,419.22
	47,316,977.09

TOTAL EXPENSE.

Corporate	$22,412,520.27
Vehicle tax	506,298.99
Waterworks	5,423,550.03
Schools	12,700,909.60
Public library	302,347.31
Special assessments	5,151,778.12
Total	46,497,404.32

SOURCES OF ORDINARY REVENUE (NET).

	1909.	1908.
Licenses, saloon	$6,865,440.00	$6,879,840.00
Licenses, other	605,551.78	706,847.54
Municipal courts	460,768.59	473,697.31
House of correction	171,924.62	164,693.86
Police department	13,680.73	94.00
Fire department	28,858.73	2,482.63
Health department	53,818.81	42,492.16
Department of inspection	95,704.65	88,537.45
Department of public works	381,339.15	385,977.77
Department of buildings	133,703.52	128,325.95
Department of electricity	126,545.94	121,632.85
Public pounds	4,503.94	4,550.25
Real estate and buildings	48,753.37	44,066.01
Markets	3,435.70	3,653.70
Franchise compensations	876,692.10	894,190.00
Insurance tax	102,220.71	96,995.14
Vehicle tax	503,899.55	431,737.57
Interest on city deposits	134,157.55	138,308.94
Miscellaneous sources	93,062.10	95,251.22
Total	10,717,460.85	10,703,374.35

DETAIL OF ORDINARY EXPENSE.

	1909.	1908.
Mayor's office	$48,164.07	$39,796.42
City council	181,279.17	172,696.25
City clerk	66,690.03	68,512.48
Corporation counsel	165,254.29	160,956.09
Prosecuting attorney	52,238.32	51,230.80
City attorney	105,812.54	114,993.68
Comptroller	105,908.42	120,017.76
City treasurer	55,552.36	52,973.64
City collector	94,748.40	83,619.84
City hall	170,909.77	75,502.51
Election commissioners	388,288.19	401,177.37
Civil service commissioners	61,478.64	65,592.81
Department of supplies	21,771.14	38,464.17
Damages	638.30	1,056.40
Interest on bonded debt	987,040.00	881,005.59
Miscellaneous interest	313,055.59	336,041.94
Miscellaneous	113,857.32	119,993.24
Police department	5,771,165.48	5,704,012.46
Municipal courts	740,339.14	719,244.89
House of correction	306,324.77	288,226.63
Public pounds	18,222.35	19,320.17
Fire department	2,862,477.50	2,977,106.69
Department of buildings	111,393.94	126,040.72

	1909.	1908.
Health department	560,533.04	518,517.16
City physician	6,479.23	6,418.46
Track elevation	11,301.14	10,219.68
Department of inspection	115,759.51	117,010.79
Other public safety	8,246.17	11,983.37
Hospitals	15,000.00	15,000.00
Municipal lodging house	6,780.80	10,882.97
Dept. municipal history	625.00	1,505.35
Public Works—		
Bureau of streets	3,035,186.73	3,293,456.86
Bureau of sewers	475,227.00	479,461.07
Bureau of engineering	540,723.60	503,271.31
Other	33,010.67	12,387.42
Board of local improvements	763,506.54	712,176.78
Department of electricity	1,219,854.74	1,188,375.52
Real estate and buildings	26,616.47	21,718.94
Small parks commission	60,854.94	63,094.81
Playgrounds	60,565.96	62,744.47
Markets	5,045.00	3,645.00
Loss and cost tax collection	417,529.15	373,025.10
Total	20,105,455.42	20,022,477.61

NET REVENUE FROM LICENSES.

Description.	1909.	1908.
Amusements	$85,710.63	$75,048.58
Auctioneers	3,840.00	6,336.00
Bakers	4,948.80	4,992.00
Bar permits	12,614.40	10,687.68
Bathing beaches	48.00	86.40
Billiards and pool	11,569.71	14,563.20
Bowling alleys	1,439.53	1,972.80
Brewers and distillers	27,200.02	27,280.00
Bill posters	63.99	192.00
Boats	19.86	11.52
Brokers	30,533.67	39,888.00
Butchers	35,073.60	50,356.80
Bottlers, carbonated waters	1,368.01	.....
Cartridge and shells	307.36	480.00
Cigarettes	66,819.33	84,576.00
Deadly weapons	1,160.23	936.00
Delicatessen	4,360.07	10,214.40
Detective agencies	1,312.06	2,112.00
Dog license at dog pound	31.68	27.84
Dog licenses	28,973.76	29,564.16
Drivers	439.58	400.32
Druggists	3,637.60	5,236.80
Fireworks	5,596.80	6,849.60
Fishmongers	931.20	1,310.40
Fish peddlers	192.00	316.80
Garage	2,064.37	1,257.60
Garage—Vehicle	.....	2,419.20
Gasoline launches	6.40	.....
Gunpowder	248.04	96.00
Hacks, cabs and coupes	422.05	1,712.64
Hospitals	2,624.13	4,216.00
Hotels	1,396.80	3,986.42
Ice dealers	7,401.60	8,289.60
Junk dealers	3,022.25	4,662.00
Liquors—Malt—Wholesale	2,644.01	2,580.67
Liquors—Spirituous	18,336.11	18,072.04
Liquors—Vinous	11,196.24	10,316.11
Liquors—Special	3,623.04	3,116.16
Livery vehicle	3,873.26	2,396.41
Lumber yards	7,744.39	10,944.01
Medical dispensary	73.63	19.20
Milk dealers	15,072.86	19,012.80
Milk peddlers	17,093.25	25,032.00
Moving picture operator	5,497.60	960.00
Nursery	12.81	.....
Omnibus	155.51	348.00
Pawnbrokers	11,988.00	17,982.00
Peddler—Oil	1,255.04	1,987.20
Peddler—Wagon	81,690.30	93,060.00
Peddler—Wood	547.46	595.20
Peddler—Hand cart	5,586.32	6,702.00
Peddler—Pack or solicitors	1,862.40	1,566.61
Peddler—Basket	263.59	324.25
Peddler—Coal	12.83	.....
Poulterer	259.20	345.60
Public passenger automobiles	1,134.72	729.60
Public express automobiles	9.60	.....
Rendering tanks	3,611.40	5,184.00
Restaurant	26,878.78	25,617.60
Roofers	541.08	1,248.00
Runners	334.08	610.56
Saloons	6,865,440.00	6,879,840.00
Scales—Public	380.96	451.20
Scavengers—Offal	640.05	960.00
Scavengers—Night	96.02	240.00
Scavengers—Private	492.15	758.40
Second-hand dealers	7,203.85	7,307.50
Shooting galleries	280.05	360.00
Slaughtering and rendering	7,104.00	10,476.00
Soap factories	1,056.00	1,296.00
Stables—Boarding	974.75	2,256.00
Stables—Sales	968.20	1,632.00
Street car	68,400.00	60,850.00
Storage moving picture films	48.01	.....
Tanneries	800.14	1,152.00
Ticker	461.18	626.88
Undertaker	2,668.53	4,070.40
Wagons—Junk	5,878.09	8,870.40
Wagons—One-horse	2,482.09	6,736.79
Wagons—Two-horse	1,348.43	3,603.84
Workshops	5,994.24	7,330.56
Total	7,539,391.78	7,647,645.55

FIXED ASSETS OF THE CITY OF CHICAGO (1909).

CORPORATE PURPOSES.

Real estate	$1,531,026.57
Buildings	7,385,171.84
Equipments	7,536,904.57
Bridges, viaducts, etc	2,027,591.93
Miscellaneous	554,938.11
Wharfing	25,247.04
	19,060,874.11

SCHOOLS.

Real estate	7,065,020.57
Buildings and equipment	35,516,157.63
Total	42,581,842.20

PUBLIC LIBRARY.

Buildings	2,035,550.00
Equipments	551,021.37
	2,586,571.37

WATERWORKS.

Real estate	819,182.25
Buildings	1,164,180.62
Equipment	4,173,577.91
Miscellaneous	43,289,840.01
	49,446,780.79

SUMMARY.

Corporate	19,060,874.11
Schools	42,581,842.20
Public library	2,586,571.37
Waterworks	49,446,780.79
Total	113,676,068.47

STATEMENT OF DEBT OF THE CITY OF CHICAGO (1909).

Bonds—General	$22,101,000.00
Water	3,145,000.00
Judgments	112,988.65
Accrued interest	115,585.09
Water-fund debt	2,202,752.52
Total	27,677,326.26
Less cash in sinking funds	3,229,652.72
	24,447,673.54
Assessed valuation	$833,150,897.00
Authorized indebtedness (5%)	41,657,544.86
Present debt	24,447,673.54
Unexercised borrowing power	17,209,871.31

CHICAGO APPROPRIATIONS FOR 1910.

FROM CORPORATE-PURPOSES FUND.

Mayor's office	$42,000.00
Bureau of statistics	6,460.00
Department of transportation	4,260.00
City council	198,400.00
Committee on finance	7,850.00
Committee on local transportation	65,000.00
Committee on gas, oil and electric light	7,000.00
Public-lands commission	3,300.00
Harbor commission	2,100.00
Committee on harbors, wharves, bridges	2,750.00
Chicago plan commission	7,250.00
Chicago com'n on city expenditures	40,000.00
City clerk	60,971.76

Corporation counsel	148,149.45
Prosecuting attorney	53,296.00
City attorney	104,323.64
Comptroller's office	107,725.00
Interest	1,586,733.75
Department of finance—miscellaneous	625,391.73
City treasurer	57,027.00
City collector	101,320.00
Board of election commissioners	408,348.03
Civil-service commission	81,004.00
Department of supplies	18,528.00
Department of police	5,904,900.00
Municipal court	766,310.00
House of correction	296,003.83
Dog pound	16,575.00
Fire department	3,001,158.99
Department of buildings	112,671.00
Department of health	545,118.69
City physician	6,363.50
Department of track elevation	11,925.00
Boiler inspection department	48,967.32
Department of weights and measures	29,913.00
Department of smoke inspection	48,571.00
Board of examiners (engineers)	6,642.40
Hospitals	18,000.00
Board of local improvements	741,079.70
City real estate and buildings	27,100.00
City markets	1,945.00
Special park commission	132,680.00
Department of electricity	1,235,846.48
Commissioner public works	3,536.00
New city hall	3,500,000.00
Bureau of compensation	4,740.00
Bureau of maps and plats	9,420.00
Bureau of architecture	10,250.00
Bureau of city hall	159,830.09
Bureau of streets	3,080,928.00
Bureau of sewers	439,363.09
Bureau of engineering (bridges, harbor)	656,669.67
Total	24,555,496.12
Less reimbursement from bond issue	3,558,173.00
Total from corporate-purposes fund	20,997,323.12

FROM WATER FUND.

Chicago commission on city expenditures	$10,000.00
Corporation counsel	20,400.00
City attorney	75,000.00
City comptroller's office	14,500.00
Department of finance—interest	263,471.25
Department of finance—miscellaneous	1,125,000.00
Department of supplies	12,072.00
Board of local improvements	85,246.25
Commissioner's office	33,624.00
Bureau of maps	26,100.00
Bureau of city hall	8,160.88
Bureau of engineering	4,053,889.15
Bureau of water	442,800.72
Total from water fund	6,170,264.25

CONTINGENT UPON BOND ISSUE.

CORPORATE PURPOSES.

Department of finance (judgments)	$200,000.00
Department of police	1,070,500.00
House of correction	10,000.00
Fire department	915,900.00
Department of health	96,000.00
Special park commission	225,000.00
Department of electricity	1,845,000.00
New city hall	3,500,000.00
Bureau of engineer'g (bridges, harbors)	2,788,173.00
Total	10,650,573.00

WATER FUND.

Bureau of engineering	1,197,590.00

PUBLIC LIBRARY.

Branch libraries	250,000.00
Total contingent on bond issue	12,098,163.00

RECAPITULATION.

Corporate-purposes fund	$20,997,323.12
Water fund	6,170,264.25
Contingent on bond issue	12,098,163.00
Sinking funds	1,713,229.16
Schools	18,362,475.00
Public library	510,000.00
Municipal tuberculosis sanitarium	431,155.60
Total appropriations, all purposes	60,282,610.13

MUSICAL CLUBS AND ASSOCIATIONS.

Amateur Musical Club—Music hall, 203 Michigan avenue; president, Mrs. A. W. Beidler; secretary, Mrs. Philip B. Bradley.

Amphion Singing Club—1514 Milwaukee-avenue; secretary, C. H. Piepho.

Apollo Musical Club—40 Randolph street; president, Arthur Heurtley; secretary, Carl D. Kinsey.

Bjorgvin Singing Society—1639 N. Artesian avenue; president, Julius Jager; secretary, Olaf Lassen.

Chopin Singing Society—1434 West Division street; president, Ignace Stankewitz; secretary, Joseph Handke.

Freier Saengerbund—1228 Milwaukee avenue; president, Joseph Hochleutner; secretary Frank Roth, 3138 Johnston avenue.

Germania Maennerchor—106 Germania place; president, Dr. Ernst Saurenhaus; secretary, Arthur Hercz.

Gesangverein Almira—2459 Armitage avenue; president, Herman Loos; secretary, Karl Henning, 1830 West Chicago avenue.

Gruetli Maennerchor—542 Wells street; president, E. Boller; secretary, F. E. Egger, 1943 Belleplaine avenue.

Handel Musical Club—74 Auditorium; president, Dr. J. R. Laughlin; secretary, J. R. McKay.

Harugari Maennerchor—2336 West 12th street; president, Fritz Nebel; secretary, Adolph H. Blumthal, 2336 Ogden avenue.

Irish Choral Society—President, John W. Donohue; manager, B. M. O'Neill, 515, 243 Wabash avenue.

Irish Music Club—President, John Ryan; recording secretary, John Ennis.

Junger Maennerchor—822 North Clark street; president, Nic Karthauser; secretary, Theodor Pilgrim, 1742 Larrabee street.

Mendelssohn Club—President, Dr. W. C. Williams; secretary, H. F. Grabo, 264 Wabash avenue.

Norwegian Singing Society—President, H. Oftedahl; corresponding secretary, N. Hall, 4910 West Huron street.

Orchestral Association (Theodore Thomas)—850 Orchestra building; president, Byran Lathrop; secretary, Philo A. Otis.

Polish Frederic Chopin Singing Society—1081 Milwaukee avenue; secretary, E. F. Dutkieweiz.

Svithiod Singing Club—624 Wrightwood avenue; secretary, Otto Johnson, 1615 Foster avenue.

Swedish Glee Club—1258 LaSalle avenue; president, William Dahlen; secretary, Wm. Benson.

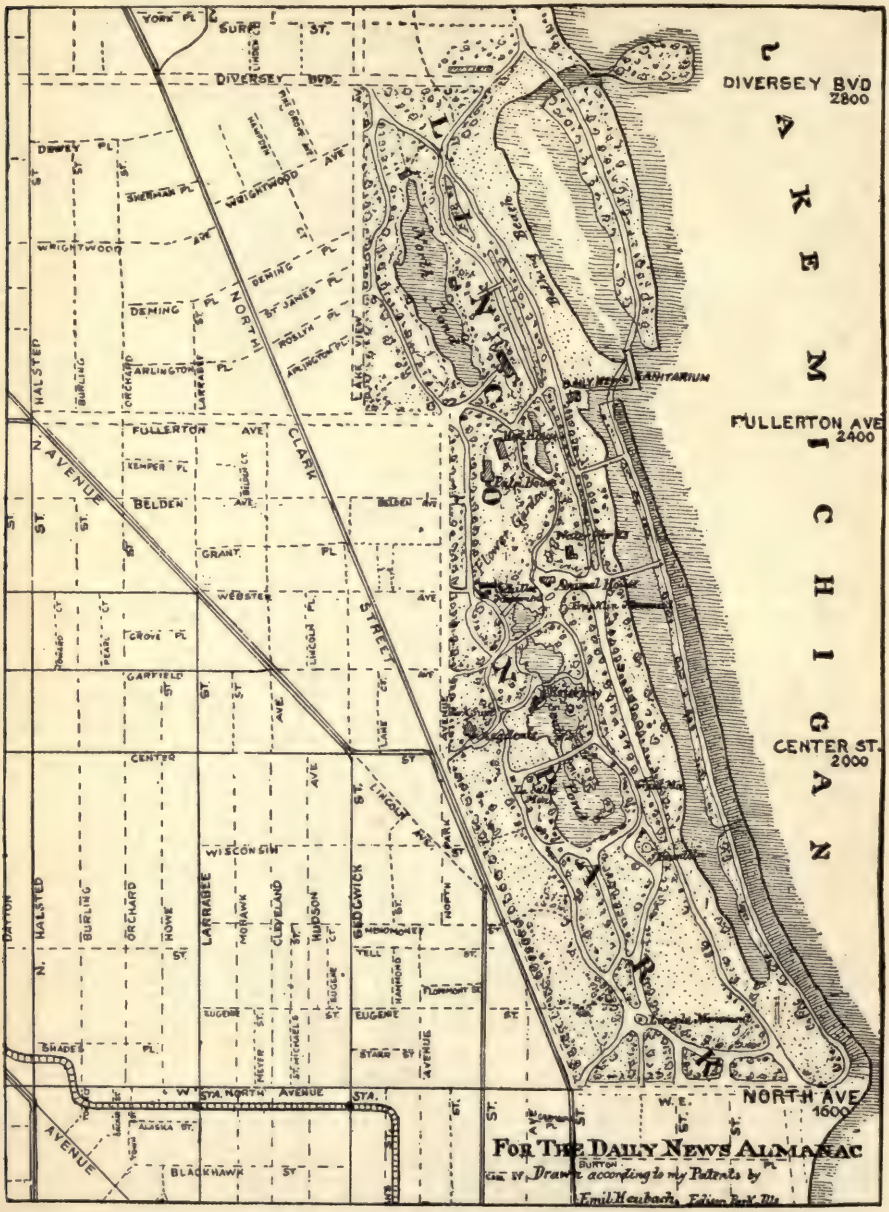
Teutonia Maennerchor—President, Charles Pich; secretary, H. Kuhn.

Wanda Singing Society—1122 Noble street; president, Miss Mary Nohowicz; secretary, Miss A. Warszewska.

CITY ATTORNEYS SINCE 1837.

N. B. Judd	1837-1839	J. L. Marsh	1856
Samuel L. Smith	1839	John C. Miller	1857
Mark Skinner	1840	Elliott Anthony	1858
George Manierre	1841, 1843	George F. Crocker	1859
Henry Brown	1842	John Lyle King	1860
Henry W. Clarke	1844-1845	Ira W. Buell	1861
Charles H. Larrabee	1846	George A. Meech	1862
Patrick Ballingall	1847, 1854	Francis Adams	1863-1864
Giles Spring	1848	Daniel D. Driscoll	1865 1866
O. R. W. Lull	1849	Hasbrouck Davis	1867-1869
Henry H. Clark	1850-1851	Israel N. Stiles	1869-1873
Arno Voss	1852-1853	Egbert Jamieson	1873-1875
J. A. Thompson	1855	R. S. Tuthill	1876-1878
Julius S. Grinnell	1879-1885		
Hempstead Washburne	1885-1889		
George F. Sugg	1889-1891		
Jacob J. Kern	1891-1893		
George A. Trude	1893-1895		
Roy O. West	1895-1897		
Miles J. Devine	1897-1899		
Andrew J. Ryan	1899-1902		
John E. Owens	1902-1903		
John F. Smulski	1903-1905		

The city attorneyship became an appointive office in 1905.



MAP OF LINCOLN PARK AND VICINITY.

CHICAGO PARKS AND BOULEVARDS.

LINCOLN PARK SYSTEM.

Commissioners (Appointed by Governor with Consent of Senate)—Leo Austrian, F. H. Gansbergen, Bryan Lathrop, Amos Pettibone, Francis T. Simmons, Frederick L. Wilk, Charles H. Wilson.

Officers—Francis T. Simmons, president; Bryan Lathrop, vice-president; Frederick L. Wilk, auditor; Theodore Freeman, treasurer; Myron H. West, superintendent and secretary; C. A. Churan, attorney.

Office—In Academy of Sciences, Lincoln park, Clark and Center streets.

The Lincoln park district consists of the towns of North Chicago and Lake View, with Fullerton avenue as the dividing line, and is bounded on the north by Devon avenue, on the south by the Chicago river and extends from Lake Michigan on the east to the north branch of the river and North Western avenue on the west.

The area of the Lincoln park district is 12.64 square miles and the population about 440,262. The total area of the parks and boulevards is 699.94 acres, with 9.33 miles of boulevard.

Lincoln Park—Lincoln park, previously known as Lake park, began its history under its present name by resolution passed by the common council of Chicago under date of June 5, 1865. The park proper is 317 acres in extent and extends from Diversey boulevard to Oak street along the lake front. To this 235 acres of land is being added by filling in Lake Michigan north of Diversey boulevard. This extension will contain a seventy-acre yacht harbor and will have bathing facilities.

The park contains a large floral department, also an extensive zoological garden containing about 1,200 animals. Boating and bathing facilities are furnished and the park lagoon—one mile in length—gives an admirable course for racing. The Academy of Sciences is located in the park at the foot of Center street. This building was erected in 1893 and contains about 250,000 specimens. It is noted for its collection of local natural history specimens and for its complete collection of mollusks.

The park has provided facilities for outdoor games during both the winter and summer seasons.

Stanton Park—At Vedder, Vine and Rees streets; area 5 acres.

Lake Shore Playground—Area 9.160 acres; is situated between Pearson street and Chicago avenue, extending from the Chicago avenue pumping works to the lake. This park is fitted up as a playground, containing a shelter house, refectory, with outdoor gymnasium apparatus.

Seward Park—Contains 1.73 acres; is fitted with outdoor and indoor gymnasium and has a fieldhouse which contains reading rooms, assembly hall, clubrooms, restaurant, a branch of the public library and facilities for gymnastic work and aquatic sports.

Hamlin Park—Wellington and Robey streets; area 10 acres; is fully equipped with fieldhouse and out-of-door gymnasium facilities.

Welles Park—Western avenue and Montrose boulevard; area 10 acres.

LENGTH OF NORTH SIDE BOULEVARDS.

In miles and fractions of miles.

Dearborn avenue, .123.	North avenue, .450.
Diversey, 2.356.	North Park, .450.
Fullerton, .510.	North Shore, .886.
Garfield avenue, .030.	Ohio, .682.
Lake Shore, .745.	Sheridan Road, 2.148.
Lake View, .490.	State, .123.
Lincoln Park, .539.	

SOUTH PARKS.

Commissioners (Appointed by Circuit Court Judges)—Henry G. Foreman, Charles L. Hutchinson, William Best, Edward Tilden, John Barton Payne.

Officers—Henry G. Foreman, president; William Best, auditor; John J. Mitchell, treasurer; James H. Burdett, secretary; John F. Neil, comptroller; Robert Redfield, attorney; J. F. Foster, general superintendent.

Offices—In Washington park, 57th street and Cottage Grove avenue.

The south park district is bounded on the north by the Chicago river and the Illinois and Michigan canal, east by Lake Michigan and the state of Indiana, south by 87th street and 138th street and west by South 48th avenue and State street.

The area of the south park district is 92.6 square miles; population is slightly in excess of 600,000. The total area of parks is 2,049.58 acres and of parks and boulevards 2,494.74 acres, consisting of twenty-four parks and 32.55 miles of boulevard—3¼ acres of park to each 1,000 inhabitants. The following is a list of the parks and boulevards:

Jackson Park—Area 542.89 acres; bounded on the north by 56th street, east by Lake Michigan, south by 67th street and west by Stony Island avenue; this park is provided with facilities for boating, rowboats and launches, has two golf courses, one of nine holes and the other of eighteen holes, with golf shelter, lockers and showers for both men and women; it has baseball and football fields, tennis courts, refectory, beach bathing, music court, the Field museum of natural history occupying the World's Fair art building located in the northern part of the park, and in the winter skating and tobogganing are provided.

Washington Park—Area 371 acres; bounded on the north by 51st street, east by Cottage Grove avenue, south by 60th street, west by South Park avenue; has the same accommodations for the public as Jackson park except the golf facilities and the museum and in addition has croquet courts, archery range, horse speedway, accommodations for fly casting, wading pool and sand court for children and a house for the game of curling.

Marquette Park—Area 322.68 acres; bounded on the north by 67th street, east by California avenue, south by 71st street and west by the Grand Trunk Western railroad. The east 80 acres have been improved. It has ball fields and tennis courts and skating and tobogganing in the winter.

Grant Park—Area 201.74 acres; bounded on the north by Randolph street, east by Lake Michigan, south by Park row, west by Michigan avenue. This park is under construction. Temporary provision is made for athletic work in the northern part of the park. The Logan monument and the Art institute are located in this park.

Midway Plaisance—The connecting way between Washington and Jackson parks; bounded on the north by 59th street, east by Stony Island avenue, south by 60th street, west by Cottage Grove avenue. Has tennis courts and in the winter skating, tobogganing and hockey.

McKinley Park—Area 74.88 acres; bounded on the north by 37th street and Archer avenue, east by Robey street, south by 39th street, west by Western Avenue boulevard. Has swimming pool, outdoor gymnasiums for men and women, tennis courts, ball field, children's playground, wading pool and skating and tobogganing in the winter. Improvement not entirely completed.

Gage Park—Area 20 acres; situated at the intersection of Western avenue and 55th street. Has wading pool, ball field, tennis court and skating in the winter.

Sherman Park—Area 60.60 acres; bounded on the north by 52d street, east by Center avenue, south by Garfield boulevard, west by Loomis street. Has recreation buildings which include an assembly hall used by the people free of charge for various entertainments, clubrooms for meetings of the various clubs of the community, reading room supplied with periodicals by the park commissioners, lunchroom, gymnasiums for men and for women, shower and plunge baths and locker rooms. There are also outdoor gymnasiums for men and women, playground for children, wading pool and swimming pool with the necessary dressing booths. Provision is made for baseball, football, tennis and boating. There is also a band stand under which concerts are given during the summer every Sunday evening. Also skating and tobogganing in the winter.

Ogden Park—Area 60.56 acres; bounded on the north by 64th street, east by Center avenue, south by 67th street, west by Loomis street. The same facilities for recreation and pleasure are provided as in Sherman park.

Palmer Park—Area 40.48 acres; bounded on the north by 111th street, east by South Park avenue, south by 113th street, west by Indiana avenue. The same facilities for recreation and pleasure are provided as in Sherman park, except boating and lunch counter.

Hamilton Park—Area 29.95 acres; bounded on the north by 72d street, east by C., R. I. & P. railway, south by 74th street, west by C. & W. I. railway. The same facilities for recreation and pleasure are provided as in Sherman park, except swimming pool and boating.

Bessemer Park—Area 22.88 acres; bounded on the north by 89th street, east by Muskegon avenue, south by 91st street, west by South Chicago avenue. The same facilities as Sherman park except lunch counter and boating.

Mark White Square—Area 10 acres; bounded on the north by 29th street, east by Halsted street, south by 30th street, west by Poplar avenue. The same facilities as Sherman park except boating.

Armour Square—Area 10 acres; bounded on the north by 33d street, east by 5th avenue, south by 34th street, west by Shields avenue. The same facilities as Sherman park except boating.

Cornell Square—Area 10 acres; bounded on the north by 50th street, east by Lincoln street, south by 51st street, west by Wood street. The same facilities as Sherman park except boating.

Davis Square—Area 10 acres; bounded on the north by 44th street, east by Marshfield avenue, south by 45th street, west by Hermitage avenue. The same facilities as Sherman park except boating.

Russell Square—Area 11.47 acres; bounded on the north by 83d street, east by Bond avenue, south by Illinois avenue, west by Houston avenue. The same facilities as Sherman park except boating.

Calumet Park—Area 66.19 acres; bounded on the north by 95th street, east by Lake Michigan, south by 102d street, west by Avenue G and a line about 50 feet east of C., L. S. & E. railway. Has not yet been improved, but a bathing beach is maintained there during the summer with suitable dressing booths and provision is made for baseball, football and tennis, and skating and tobogganing in the winter.

Hardin Square—Area 7.41 acres; bounded on the north by 25th street, east by LaSalle street, south by 26th street, west by Wentworth avenue. Not yet improved. Provision for baseball, football in the summer and skating and tobogganing in the winter.

No. 4 Square—Area 10 acres; bounded on the north by 45th street, east by Princeton avenue, south by 46th place, west by Stewart avenue; now being improved with same facilities as Sherman park in a more extensive form.

No. 15 Park—Area 19.16 acres; bounded on the north by 76th street, east by Dobson avenue, south by 78th street, west by Ingleside avenue. Not yet improved.

No. 16 Park—Area 18.52 acres; bounded on the north by 103d street, east by Bensley avenue, south by 105th street, west by Oglesby avenue. Not yet improved.

No. 17 Park—Area 20 acres; bounded on the north by 130th street, east by Carondolet avenue, south by 132d street, west by Sheridan avenue. Not yet improved.

No. 18 Park—Area 20.19 acres; bounded on the north by 90th street, east by St. Lawrence avenue, south by 91st street, west by South Park avenue. Not yet improved.

Michigan Avenue Boulevard—80 to 100 feet wide; from Garfield boulevard to Randolph street.

Garfield Boulevard—200 feet wide; from South Park avenue to Western Avenue boulevard on the line of 55th street.

Western Avenue Boulevard—200 feet wide; a strip of land east of and adjoining the center line of Western avenue from the Illinois and Michigan canal to 55th street (Garfield boulevard).

Grand Boulevard—198 feet wide; on the line of South Park avenue from 35th to 51st street.

Drexel Boulevard—200 feet wide; first street east of Cottage Grove avenue and extending from Oakwood boulevard to 51st street.

Prairie Avenue—66 feet wide; the street of that name from 16th to 29th street.

South Park Avenue—66 feet wide; being the street of that name between 35th and 29th streets.

Jackson Street—66 feet wide; being the street of that name extending from Michigan avenue to the south branch of the Chicago river.

Oakwood Boulevard—100 feet wide; the first street south of 39th street between Grand boulevard and Cottage Grove avenue.

Thirty-Third Street—66 feet wide; being the street of that name between Michigan avenue and South Park avenue.

Sixteenth Street—50 feet wide; being the street of that name between Michigan avenue and Prairie avenue.

Twenty-Ninth Street—66 feet wide; being the street of that name between Prairie avenue and South Park avenue.

Fifty-Seventh Street—100 feet wide; being the street of that name between the I. C. railroad right of way and the west line of Jackson park.

Sixty-Sixth Street—66 feet wide; being the street of that name from Stony Island avenue to South Park avenue.

South Park Avenue—66 feet wide; from 66th street to 67th street.

Sixty-Seventh Street—66 feet wide; being the street of that name from South Park avenue to California avenue.

Normal Avenue—66 feet wide; from Garfield boulevard to 72d street.

Loomis Street—66 feet wide; being the street of that name from Garfield boulevard to 67th street.

Hyde Park Boulevard—100 feet wide; being that part of 51st street between Drexel avenue and East End avenue.

East End Avenue—60 feet to 85 feet wide; being the street of that name from 51st street to 56th street.

Yates Avenue—100 feet wide; being the street of that name from Jackson park to 71st street.

Seventy-First Street—100 feet wide, being the street of that name from Yates avenue to Bond avenue.

Bond Avenue—66 feet wide; being the street of that name from 71st street to 83d place.

WEST CHICAGO PARKS.

Commissioners (Appointed by Governor with Consent of Senate)—John F. Smulski, Frederick W. Dreckman, Iver L. Quales, William Kolacek, William C. Eggert, Joseph A. O'Donnell, Addison E. Wells.

Officers—William Kolacek, president; William C. Eggert, auditor; Bernard A. Eckhart, treasurer; George A. Mugler, secretary; John M. Dingman, assistant secretary; Jens Jensen, consulting landscape architect; Alfred C. Schrader, superintendent and engineer; Charles B. Pavlicek, attorney.

Offices—In Union park, Lake street and Ashland boulevard.

The west park district comprises all that part of the town of West Chicago lying between the Illinois and Michigan canal and the Chicago river and the following described lines: Beginning at the north branch of the Chicago river at Belmont avenue, thence west to North Kedzie avenue, thence south along Kedzie avenue to North avenue, thence west along North avenue to North 60th avenue, thence south along 60th avenue to 12th street, thence east along 12th street to South 46th avenue, thence south along South 46th avenue to West 39th street, thence east along 39th street to the Illinois and Michigan canal.

The area of the west park district is 35.5 square miles; population is about 872,000. The total area of parks and boulevards is 1,035.43 acres, consisting of thirteen parks and twenty-five miles of boulevard—0.72 acre of park to each 1,000 inhabitants. Area of parks, 629.28 acres. The following is a list of the parks and boulevards:

Humboldt Park—Area 205.86 acres; bounded on the north by West North avenue, east by Cali-

fornia and Sacramento avenues, south by Division and Augusta streets and west by Kedzie avenue; has rose garden with pergola and garden hall and fountains; refectory building, also a pavilion and boat landing, music court, a wading pool and shelter building for children; is provided with facilities for boating, has baseball diamonds and tennis courts and in winter skating and tobogganing are provided.

Garfield Park—Area 187.53 acres; bounded on the north by Kinzie and Lake streets, east by Central Park avenue and Homan avenue, south by Madison street and Colorado avenue and west by Hamlin avenue. Has a new conservatory, the largest in the country; refectory building, boat landing and pavilion, music court and band stand, water courts with fountain, basin and extensive flower gardens. Has a golf course with fieldhouse containing lockers for men and women; also has tennis courts and facilities for fly casting, and in winter skating, tobogganing and curling facilities are provided.

Douglas Park—Area 181.99 acres; bounded on the north by West 12th street, east by California avenue, south by 19th street and west by Albany avenue. Has refectory building, boat landing and pavilion, music court, flower gardens, outdoor gymnasium and natatorium with swimming pools, shower baths and dressing rooms for men and women. Facilities are provided for baseball, boating and lawn tennis, and in winter skating and tobogganing.

Union Park—Area 17.37 acres; bounded on the north by Lake street, east by Ogden avenue and Bryant place, south by Warren avenue and west by Ashland boulevard. In this park the offices of the West Chicago park commissioners are located. In winter facilities for skating are provided.

Jefferson Park—Area 7.02 acres; bounded on the north by Monroe street, east by Throop street, south by Adams street and west by Loomis street.

Vernon Park—Area 6.14 acres; bounded on the north by Macalister place, east by Centre avenue, south by Gilpin place and west by Loomis street.

Wicker Park—Area 4.03 acres; bounded on the north and east by Park street, south by Fowler street and west by Robey street.

Holstein Park—Area 1.94 acres; bounded on the north by Elm street, south by Hamburg street and located one block east of Western avenue. Has an outdoor gymnasium and play field and shelter building, and in winter skating is provided.

Campbell Park—Area 1.38 acres; a strip of land 100 feet wide lying between Oakley boulevard and Leavitt street and one block north of Polk street.

Shedd's Park—Area 1.13 acres; located at 23d street and Millard avenue, opposite Lawndale station of the Chicago, Burlington & Quincy Railway company.

Small Park No. 1—Area, 8.125 acres; bounded on the north by Cornell street, east by Chase street, south by Chicago avenue and west by Noble street. A fieldhouse has been provided containing gymnasium and shower baths for men and women, lunchrooms, library and reading room and assembly hall; also an outdoor swimming pool with shower baths and dressing rooms for men and women. An outdoor gymnasium for men and women, play field with wading pool and sand courts for children and tennis courts and ball grounds have been provided; also skating in the winter.

Small Park No. 3—Area, 3.85 acres; bounded on the north by 20th street, east by Fisk street, south by 21st street and west by May street. The same facilities for recreation and pleasure are provided as in the small park No. 1.

Small Park No. 2, containing 2.89 acres, bounded on the north by Barber street, east by Jefferson street, south by 14th place and west by Union street, has been completed by the west park board. In this park the same facilities for recreation and pleasure are provided as in the small parks and playgrounds mentioned above.

Humboldt boulevard, 2.94 miles long, 100 feet to 400 feet wide, from Diversey boulevard bridge to Humboldt park, connecting the west park system with the Lincoln park system on the north, has been renamed for house-numbering purposes as follows:

Logan Boulevard—From the Diversey boulevard bridge to North Kedzie boulevard.
North Kedzie Boulevard—From Logan boulevard to Palmer square.
Palmer Square—From North Kedzie boulevard to Humboldt boulevard.
Humboldt Boulevard—From Palmer square to Humboldt park.

Franklin boulevard, 1.5 miles long, 250 to 400 feet wide, connecting Humboldt and Garfield parks, has been renamed for house-numbering purposes as follows:

North Sacramento Boulevard—From Humboldt park south to Franklin boulevard.
Franklin Boulevard—West from North Sacramento boulevard to North Central Park boulevard.
North Central Park Boulevard—South from Franklin boulevard to Garfield park.

Douglas boulevard, 1.68 miles long, 250 feet wide, connecting Garfield and Douglas parks, has been renamed for house-numbering purposes as follows:

Independence Boulevard—South from Garfield park to Douglas boulevard.
Douglas Boulevard—East from Independence boulevard to Douglas park.

Marshall boulevard, 2.17 miles long, 250 feet wide, from Douglas park to the Illinois and Michigan canal, connecting the west park system on the south with the south park system at Western avenue, has been renamed for house-numbering purposes as follows:

Marshall Boulevard—From Douglas park south to West 24th boulevard.
West 24th Boulevard—East from Marshall boulevard to South California boulevard.
South California boulevard—From West 24th boulevard south to West 31st boulevard.
West 31st Boulevard—From South California boulevard east to South Western avenue boulevard.
South Western Avenue Boulevard—South from West 31st boulevard to the Illinois and Michigan canal.

Washington boulevard, 6.31 miles long, from 66 to 100 feet wide, from Canal street west to the city limits through Union park and Garfield park, a continuation of Washington street on the south side, has been renamed for house-numbering purposes West Washington boulevard.

Jackson boulevard, 3.94 miles long, from 66 to 80 feet wide, from the Chicago river west to Garfield park, a continuation of Jackson boulevard on the south side, has been renamed for house-numbering purposes West Jackson boulevard.

Ashland boulevard, 1.26 miles long, 100 feet wide, from Lake street south to 12th street, has been renamed for house-numbering purposes as follows:

North Ashland Boulevard—From West Lake street south to West Madison street.
South Ashland Boulevard—South from West Madison street to West 12th boulevard.

Twelfth Street boulevard, 0.98 miles long, 70 feet wide, from Ashland boulevard to the intersection of Oakley and Ogden boulevards, a continuation of West 12th street, has been renamed for house-numbering purposes West 12th boulevard.

Ogden boulevard, 0.74 miles long, from 70 to 112 feet wide, from the intersection of Oakley boulevard and West 12th boulevard through Douglas park.

Central Park avenue, 0.33 miles long, 80 feet wide, from West Madison street to Colorado avenue, along the east side of Garfield park, has been renamed for house-numbering purposes South Central Park boulevard.

Oakley boulevard, 1.10 miles long, from Washington boulevard to the intersection of West 12th boulevard and Ogden boulevard, has been renamed for house-numbering purposes as follows:

North Oakley Boulevard—South from West Washington boulevard to West Madison street.

South Oakley Boulevard—South from West Madison street to West 12th boulevard.

Homan avenue, 0.25 miles long, from West Lake street to West Madison street, along the east side of Garfield park, has been renamed for house-numbering purposes North Homan boulevard.

Sacramento avenue, 1.59 miles long, from Franklin boulevard to Douglas park, has been renamed for house-numbering purposes as follows:
North Sacramento Boulevard—From Franklin boulevard south to West Madison street.
South Sacramento Boulevard—From West Madison street south to Douglas park.

SMALL PARKS AND PLAYGROUNDS.

Special Park Commission (appointed by the mayor)—Aldermen Beilfuss, Vavricek, Danisch, McDermott, Sheahan, Harding, Cullerton, Taylor, Capp, Clark and Long; Jens Jensen, Edward A. Halsey, James H. Burdett, Clarence Buckingham, Frederick Greeley, George L. Pfeifer, Abraham M. Liebling, Lorenzo J. Lamson, Francis T. Simmons, Edmond Szajkowski, John M. Monroe, William Best, Thomas J. Dixon, Alfred R. Urion.

Secretary—A. W. O'Neill, room 501, 200 Randolph street.

Superintendent of Parks—John Algots.

Superintendent of Playgrounds and Bathing Beaches—Theodore A. Gross.

City Forester—Jacob H. Prost.

The special park commission is appointed by the mayor by authority of the city council. It has charge of a number of small parks and squares which are under the immediate jurisdiction of the city, and it also conducts several bathing beaches on the lake shore and a number of municipal playgrounds. The parks are provided with ornamental and drinking fountains wherever it is practicable, lagoons, swings, tennis courts and landscape and other features according to circumstances. The playgrounds are provided with play apparatus, athletic fields, baseball diamonds, basket-ball courts, skating ponds, drinking fountains, running tracks, gymnastic apparatus and buildings containing toilet rooms, offices, sand courts and roofed platforms. The bathing beaches are provided with bathhouses containing dressing rooms, lockers, checkrooms, washrooms, toilets and office.

In 1910 the city appropriation was $4,040 for administration, $59,280 for parks, $59,484 for playgrounds, $5,000 for city forester and $4,876 for bathing beaches.

Following is a list of the small parks, playgrounds and bathing beaches in charge of the special park commission, with the area of the parks in acres. Two parks maintained privately are included in the list and are so described:

Adams Park—75th place, 76th street and Dobson avenue; 1½.

Aldine Square—Vincennes avenue, 37th place and alley north of 38th place; 1½.

Amy L. Barnard Park—105th street, between Longwood boulevard and Walden parkway; 1¼.

Arbor Rest—Chestnut, Rush and Cass streets; ⅛.

Arcade Park—111th place, 112th street, Morse avenue and Watt avenue; ⅞.

Archer Point—Archer avenue, 20th street and Dearborn street; ⅛.

Austin Park—Waller avenue, Northwestern railway, Austin avenue and Lake street; 4½.

Belden Avenue Triangle—North Clark street, Sedgwick street and Belden avenue; ⅛.

Bickerdike Square—Ohio street, Bickerdike street, Ashland place and Armour place; 1¼.

Blackstone Point—Lake avenue, Washington avenue and 49th street; ⅛.

Buena Circle—Buena avenue and Kenmore avenue; ½.

Colorado Point—Colorado avenue, Monroe street and Francisco avenue; ⅛.

Congress Park—Van Buren street, Rockwell street, Harrison street and Washtenaw avenue; ¾.

Columbus Circle—Exchange avenue, South Chicago avenue and 92d street.

DeKalb Square—Lexington street, Hoyne avenue, Flournoy street and DeKalb street; ¾.

Dickinson Park—North 50th avenue, Dickinson avenue and Belle Plaine avenue; 1⅞.

Douglas Monument Park—Woodland park, Illinois Central, 35th street and alley west of railroad; 3.

East End Park—East End avenue, 51st street, 53d street and the lake; 10.

Eldred Grove—North 54th avenue, Norwood Park avenue, 53d avenue and Northwestern railway; 1.

Ellis Park—36th street, Langley avenue, 37th street and Elmwood court; 4.

Eugenie Triangle—Eugenie street, North Clark street and LaSalle avenue; ⅛.

Fernwood Park—103d street, 95th street, Stewart avenue and Canal street; 8.

Green Bay Triangle—North State street, Rush street and Bellevue place; ⅛.

Gross Park—Otto street, North Paulina street, School street, Ravenswood avenue; ½.

Groveland (private)—Cottage Grove avenue, 34th street and Illinois Central railway; 3½.

Holden Park—Lake street, Indiana street, Central avenue and Park avenue; 4.

Independence Square—West 14th street and Hamlin avenue; 3¾.

Irving Park—Irving Park boulevard, Northwestern railway, near 42d avenue; ⅛.

Jefferson Park—Winnemac avenue, North 52d avenue, Argyle avenue and North 53d avenue; 5.

Kedzie Park—Kedzie avenue, between Palmer place and North avenue; 2.

Kinzie Parkway—Kinzie street, between 52d avenue and Willow avenue; 1¼.

Lakewood Point—Greenwood avenue, Lake avenue and 43d street; .27.

Lily Gardens, The—Lowe avenue, Chicago & Western Indiana railroad, 71st and 73d streets; 3.

Merrick Park—Pine avenue, Willow avenue, Indiana street and Kinzie street; 6½.

Midway, The—Midway, between Waller and Austin avenues; 1½.

Montrose Point—Montrose avenue, Sheridan road and Evanston avenue.

Mulberry Point—Crescent avenue, Ceylon avenue and Mulberry avenue; ⅜.

McKenna Triangle—38th street, Archer avenue and Campbell avenue.

Normal Park—67th street, 69th street, Lowe avenue and Western Indiana railroad; 2½.

Norwood Circle—Hobart avenue, Colfax place and Circle avenue; 2½.

Oak Park—Oak, Rush and State streets; ⅛.

Oakland Park—Lake avenue, 39th street and Illinois Central road; ¾.

Ogden Arrow—North Clark street, Wells street and Ogden front; ⅜.

Patterson Park—Leavitt, Boone and DeKalb streets; ¾.

Pullman Park—111th street and place, Cottage Grove avenue and Morse avenue; 3⅝.

Rice Triangle—Grand avenue and Western avenue; ⅛.

Rocky Ledge—Lake Michigan and 79th street; 3½.

Railway Gardens—Avondale and Ceylon avenues, south of Northwestern railroad; also on Norwood Park avenue, north of Northwestern railroad; 2½.

Rutherford Park—Humboldt, North 69th and North 68th avenues; 4½.

Sayre Park—69th avenue, West Belden avenue, 68th court and Humboldt avenue; 3½.

Schoenhofen Place—Canal street, Canalport avenue and 18th street; ¾.

Washington Square—North Clark street, Walton place, Dearborn avenue and Washington place; 3.

Woodland Park (private)—Cottage Grove avenue, Illinois Central road, between 34th and 35th streets; 3¾.

UNIMPROVED.

Avondale Park—Avondale avenue, North Avers avenue and Addison street.

Crescent Park—Crescent road, Prescott avenue, Ormonde avenue and Grassmere road; 8.

Dauphin Park—87th street, Illinois Central line, 91st street and Dauphin avenue; 5⅛.

Governor's Parkway—North St. Louis avenue, North Homan avenue and West Kinzie street.

Higgins Road Triangle—Milwaukee avenue and Higgins road.

Kosciusko Triangle—Kosciusko avenue, between Milwaukee avenue and North 62d avenue; ⅛.

Myrtle Grove—Hobart avenue, Myrtle avenue and Grant place; 1½.

Parkway—In North Harding avenue, bounded by West Byron street, West Addison street, Springfield avenue and North 40th avenue.
Parkway—In North Avers avenue, bounded by North Springfield avenue, Northwestern railroad, North Hamlin avenue and West Addison street.
Tract fronting on Montgomery avenue, west of Rockwell street and North of West 42d street.
Triangle at West Belmont avenue, Elston avenue and California avenue.
Triangle at West 69th street, Vincennes avenue and Lafayette avenue.
Triangle at Blue Island avenue, 16th street and Throop street.
Triangle at 26th street, California avenue and House of Correction.
Winnemac Park—Foster avenue, Robey street and Winnemac avenue; 40.

MUNICIPAL PLAYGROUNDS.

Names, location and dimensions of the municipal playgrounds in Chicago:

Adams—Seminary avenue, south of Center street; 102 by 288 feet.
Audubon—Hoyne avenue, Cornelia avenue and Hamilton avenue; 125 by 165 feet.
Holden—Bonfield street, near West 35th; 696 by 116 feet.
Commercial Club—West Chicago avenue, near Lincoln street; main ground, 200 by 125 feet; annex, 120 by 123 feet.
Moseley—Wabash avenue and 24th street; 200 by 200 feet.
McLaren—West Polk street, near Laflin; 175 by 185 feet.
Northwestern Elevated—Alaska and Larrabee streets; 90 by 350 feet.
Sampson—15th street, near Loomis; 215 by 125 feet.
Hamlin Avenue—Springfield avenue, Hamlin avenue, 16th street, north to Avers avenue; 300 by 598 feet.
Orleans—Institute place and Orleans street; 136 by 126 feet.
Max Beutner—Wentworth avenue and 33d and LaSalle street; 113 by 200 and 346 by 258 feet.
Wrightwood Avenue—Corner Perry street and Wrightwood avenue; 454 by 361 feet.
McCormick—Sawyer avenue and 28th street; 275 by 125 feet.
Walter Christopher—22d street, west of Robey; 225 by 125 feet.
Dante—Forquer and Ewing streets, west of Desplaines; 90 by 235 feet.
Washington—Carpenter street and Grand avenue; 128 by 174 feet.

The total attendance at the municipal playgrounds in 1907 was 1,585,960, and in 1908, 2,089,366.

MUNICIPAL BATHING BEACHES.

Walker—Lake Michigan, foot of 25th street.
Rocky Ledge—Lake Michigan, foot of 79th street.

NORTH SHORE PARK DISTRICT.

Office, 1716 Greenleaf avenue.

The north shore park district comprises the territory bounded on the north by the city limits, on the east by Lake Michigan, on the south by Devon avenue and on the west by the Chicago & Northwestern railway line. There are no parks as yet, but the board has jurisdiction over about four miles of boulevards, including Sheridan road, Ashland avenue and Pratt boulevard.

SUMMARY OF PARK AREAS.

South park system (acres)	2,494.74
West park system	1,035.43
Lincoln park system	699.94
Other parks and squares	103.36
Unimproved	54.83
Total	4,388.30

ALUMNI ASSOCIATIONS IN CHICAGO.

University and college.

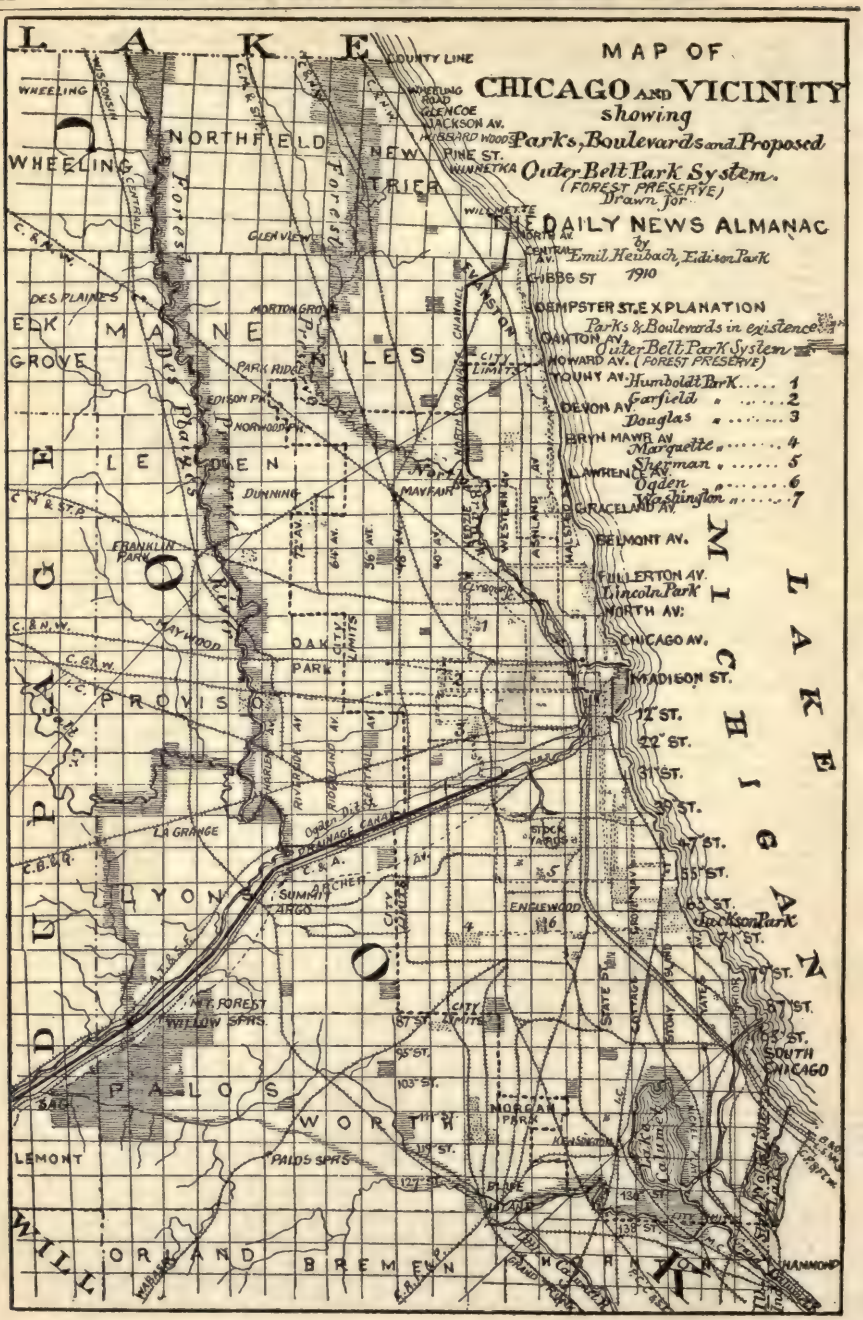
Brown University—President, Gerald B. Smith; secretary and treasurer, F. L. Morse, 6432 Monroe avenue.
Chicago Association of Collegiate Alumnæ—President, Mrs. George C. Sikes; corresponding secretary, Mrs. Helen C. Dickerson.
College of Physicians and Surgeons—President, Bernard Fantus, M. D.; secretary, W. R. McNealy.
Cornell—President, S. L. Adams; secretary, Lawrence M. Viles, 9 Jackson boulevard.
Dartmouth—President, W. I. Abbott; secretary, George E. Liscomb.
De Paul—Secretary, William T. Sullivan, 1136 Fullerton avenue.
Hanover—President, Rev. W. C. Covert; secretary, E. W. Newton.
Harvard Club of Chicago—President, Thomas Taylor, Jr.; secretary, Louis C. Brosseau.
Indiana—President, Charles C. Krauskopf, Maywood; secretary, Mrs. F. Henicksman.
Iowa State College (engineers)—President, W. S. Duncan; secretary, J. A. Nelson.
Lake Forest Club—President, Andrew Jackson, 1720 Michigan avenue; secretary, C. W. Wharton.
Northwestern—President, Carlton H. Pendleton; secretary, J. C. Burg, University building, Lake and Dearborn streets.
Oberlin—President, Homer Abbott; secretary, Charles E. Sherman.
Princeton—President, Harold F. McCormick; secretary, Cyrus H. Adams.
Swarthmore—President, Prof. T. A. Jenkins; secretary, Francis E. Broomell, 601 Reaper block.
University of Chicago Alumni Association—President, Harry Abells; secretary, Harry A. Hansen, University of Chicago.
University of Illinois—President, James P. Beck; secretary, Edward Corrigan.
University of Michigan—President, Irving K. Pond; secretary, Samuel S. Holmes.
University of Wisconsin—President, L. S. Williams; secretary, John G. Wray, 227 Washington street.
Wells—President, Miss Georgiana Jones, Evanston; secretary, Miss Julia Zenos, Chicago.
Yale Club of Chicago—President, Granger Farwell; secretary, William McCormick Blair.

MUNICIPAL ART LEAGUE.

Incorporated Jan. 30, 1901. Secretary's office at the Art institute.

President—Ralph Clarkson.
First Vice-President—Lorado Taft.
Secretary—James William Pattison.
Treasurer—Charles L. Hutchinson.
Counsel—Byron Boyden.
Directors—Ralph Clarkson, Charles L. Hutchinson, Byron Boyden, Charles Francis Browne, James William Pattison, Frederick Clay Bartlett, Charles J. Mulligan, Lorado Taft, Nellie V. Walker, Webster Tomlinson, Louis J. Millet, Dwight H. Perkins, William H. Bush, Mrs. George B. Carpenter, James S. Dickerson, Eames MacVeagh, Honore Palmer, Jens Jensen, Fred A. Busse, Myron H. West, John Barton Payne, William Kolacek, Albert W. Beilfuss.
Exhibition Committee—Mrs. William Frederick Grower, chairman; Mrs. H. H. Kingsley, vice-chairman; Mrs. William F. Young, secretary.

The objects of the association are to promote the beautifying of the streets, public buildings and places of Chicago; to bring to the attention of the officials and people of the city the best methods for instituting artistic municipal improvements and to stimulate civic pride in the care and improvement of private property. The membership of the board of directors of the league includes the mayor of the city or the commissioner of public works, four park commissioners, three sculptors, three architects, three painters and one landscape architect. The league is merely advisory and is not invested with any authority from the city.


MAP OF
CHICAGO AND VICINITY
showing
Parks, Boulevards and Proposed
Outer Belt Park System.
(FOREST PRESERVE)
Drawn for
THE DAILY NEWS ALMANAC
by
Emil Heubach, Edison Park
1910
LAKE
COUNTY LINE
WHEELING
NORTHFIELD
NEW TRIER
WINNETKA
WILMETTE
GLENCOE
JACKSON AV.
HUBBARD WOODS
PINE ST.
GLENVIEW
DES PLAINES
MORTON GROVE
PARK RIDGE
NILES
EDISON PK.
NORWOOD PK.
DUNNING
MAYFAIR
FRANKLIN PARK
OAK PARK
RIVERSIDE
HARLEM
LA GRANGE
SUMMIT
ARGO
BERWYN
CICERO
STICK NEY
ENGLEWOOD
MT. FOREST
WILLOW SPRS.
PALOS
WORTH
PALOS SPRS.
LEMONT
ORLAND
BREMEN
MORGAN PARK
BLUE ISLAND
HAMMOND
LAKE MICHIGAN
CHICAGO
EXPLANATION
Parks & Boulevards in existence
Outer Belt Park System
HOWARD AV. (FOREST PRESERVE)
1 Humboldt Park
2 Garfield "
3 Douglas "
4 Marquette "
5 Sherman "
6 Ogden "
7 Washington "
GRACELAND AV.
BELMONT AV.
FULLERTON AV.
Lincoln Park
NORTH AV.
CHICAGO AV.
MADISON ST.
12 ST.
22 ST.
31 ST.
39 ST.
47 ST.
55 ST.
63 ST.
Jackson Park
71 ST.
79 ST.
87 ST.
95 ST.
South Chicago
103 ST.
111 ST.
119 ST.
127 ST.
134 ST.
138 ST.
CITY LIMITS
DRAINAGE CANAL
C. & A.
C. B. & Q.
C. R. I. & P.
C. & N. W.
C. M. & St. P.
I. C.
M. C.
W. I.
S. B.
T. & O. C.
E. J. & E.
G. T.
P. C. C. & St. L.
Wisconsin
Illinois
Indiana

GOVERNMENT OFFICES IN CHICAGO.

The postoffice and all other United States department offices, except where otherwise noted, are in the federal building, which stands on the square bounded by Clark, Adams and Dearborn streets and Jackson boulevard. Postmaster, Daniel A. Campbell.

Appraiser's Office—Harrison and Sherman streets; appraiser, Thomas O'Shaughnessy.

Bureau of Labor—Room 851; special agent, Ethelbert Stewart.

Custom House—South wing, fourth floor; collector, John C. Ames; special deputy collector, John Hitt; deputy collector at barge office, No. 2 River street, James M. Nash.

Hydrographic Office—Room 528; Lieut.-Com. G. G. Mitchell in charge.

Immigration Bureau—522, 115 Adams street; inspector in charge, Dr. P. L. Prentiss.

Inspectors of Steam Vessels—Room 529; inspector of hulls, Ira B. Mansfield; inspector of boilers, Roy L. Peck.

Internal Revenue Department—East wing, fourth floor; collector, S. M. Fitch; chief deputy, Frank E. Hemstreet; cashier, Frederick W. Rech.

Life-Saving Service—Room 500; inspector, A. L. Gamble.

Lighthouse Department—Room 501; inspector, Commander W. A. Edgar, U. S. N.

Marine Hospital—Clarendon and Graceland avenues; surgeon in command, George B. Young.

Naval Office—Room 451; naval officer, Thomas N. Jamieson; special deputy, Edgar C. Hawley; deputy, Thomas Carr.

Pension Agency—Room 706; pension agent, Charles Bent.

Reclamation Service—Rooms 776-779; engineer in charge, E. T. Perkins.

United States District Attorney—Rooms 825 to 833; Edwin W. Sims; chief clerk, William A. Small.

United States Engineer—Room 508; Lieut.-Col. George A. Zinn.

United States Marshal—Rooms 804 and 806; marshal, Luman T. Hoy; chief deputy, John P. Wolf.

United States Subtreasury—First floor, northwest section; assistant treasurer, Len Small.

Weather Bureau—Fourteenth floor; professor in charge, Henry J. Cox.

SALARIES OF PRINCIPAL OFFICIALS.

District attorney	$10,000
Postmaster	8,000
Collector of customs	7,000
Treasurer	5,000
Marshal	5,000
Naval officer	5,000
Internal-revenue collector	4,500
Pension agent	4,000
United States engineer	3,500
Appraiser	3,000
Professor of meteorology (weather)	3,000

COOK COUNTY FOREST PRESERVE DISTRICT.

Under an act of the Illinois legislature, approved June 16, 1909, the following proposition was submitted to the voters of Cook county at the election of Nov. 8, 1910:

"For the adoption of an act to provide for the creation and management of forest preserve districts and repealing a certain act therein named and creating under said act a forest preserve district, the boundaries of which to coincide with and comprise the whole of the territory of Cook county, Illinois."

As will be seen by a reference to the election returns on another page, this proposition was approved by a majority of those voting on the question, and the Cook county forest preserve district was thus created. Under the law the affairs of the district are managed by a board consisting of a president and four commissioners, all appointed by the president of the board of county commissioners. The president of the board receives a salary of not to exceed $2,500 a year and the commissioners not to exceed $1,500 each. The term of office is four years, except in the case of the first appointees, two of whom are to serve but two years.

The board has the power to designate by ordinance streets or other highways to be used for pleasure driving and to improve and maintain the same; to acquire lands for laying out driveways and forest preserves; to raise money by general taxation for such purpose and to borrow money by the issuance of bonds. Such indebtedness is limited to 1 per cent of the taxable property in the district, including the existing indebtedness.

The board also has the power to acquire lands for the erection and maintenance thereon of public buildings for the use of the general public and assembly purposes of a general and not religious character; also to acquire and hold land for the purpose of protecting and preserving the flora and fauna and scenic beauties of the state; to protect and preserve such lands as nearly as may be in their natural condition for the education, pleasure and recreation of the public.

The accompanying map shows where it is proposed to locate some of the new park districts in Cook county, comprising what is usually called the projected "outer belt park system."

Commissioners—Lewis Rinaker, Rep., four years; Charles H. Wacker, Dem., two years; Gustavus J. Tatge, Dem., two years; Nelson A. Cool, Rep., four years; Samuel Insull, Rep., four years.

CHICAGO BUILDING STATISTICS.

Number of buildings erected since 1891, with estimated cost.

Year.	Buildings.	Cost.	Year.	Buildings.	Cost.	Year.	Buildings.	Cost.
1891	11,805	$54,201,800	1898	4,067	$21,294,325	1905	8,442	63,970,950
1892	13,194	64,740,800	1899	3,794	20,856,750	1906	10,629	64,822,030
1893	8,559	28,708,750	1900	3,554	19,100,050	1907	9,353	59,093,080
1894	9,755	33,863,465	1901	6,053	34,962,075	1908	10,771	68,203,920
1895	8,633	35,010,043	1902	6,074	48,070,399	1909	11,241	90,559,580
1896	6,444	22,730,615	1903	6,221	37,447,175	1910*	9,962	76,362,100
1897	5,284	21,777,230	1904	7,151	44,724,790			

*Jan. 1 to Nov. 1.

FIRE LOSSES IN CHICAGO BY YEARS.

Year.	Fires.	Loss.	Insurance.	Year.	Fires.	Loss.	Insurance.	Year.	Fires.	Loss.	Insurance.
1890	2,755	$2,092,071	$47,937,840	1897	5,326	$2,272,990	$55,233,596	1904	6,661	$2,950,254	$77,234,230
1891	3,353	3,053,874	59,703,511	1898	5,048	2,651,735	56,550,470	1905	6,505	2,298,929	76,533,530
1892	3,549	1,521,445	65,535,291	1899	6,031	4,534,065	70,851,165	1906	6,291	4,143,386	75,685,826
1893	5,224	3,149,590	180,987,890	1900	5,503	2,213,699	72,893,463	1907	6,257	3,937,105	92,575,789
1894	5,174	3,254,140	72,185,581	1901	6,136	4,296,433	83,079,743	1908	7,793	3,873,444	72,044,810
1895	5,316	2,974,760	73,443,646	1902	5,123	4,118,933	71,615,759	1909	7,414	3,046,797	90,950,970
1896	4,414	1,979,355	59,970,130	1903	6,054	3,062,922	68,748,203				

TUNNELS UNDER THE CHICAGO RIVER.

Washington Street—Built, 1867-1869; length, 1,605 feet; cost, $517,000.

LaSalle Street—Built, 1869-1871; length, 1,890 feet; cost, $566,000.

Van Buren Street—Built, 1891-1892; length, 1,514 feet; cost, $1,000,000.

All used for street-railway purposes. The figures are for the original tunnels, all of which were rebuilt in 1909-1911.

CHICAGO BOARD OF EDUCATION.

Offices on the sixth, seventh and eighth floors of the Tribune building.
President—James B. McFatrich, M. D.
Vice-President—Alexander L. Blackwood.
Secretary—Lewis E. Larson.
Members—Otto C. Schneider, Frank I. Bennett, Dr. Thomas J. O'Malley, Nathaniel C. Sears, George B. Swift, Alfred R. Urion, Adolph F. Gartz, Oscar F. Greifenhagen, Daniel R. Cameron, Dr. Alexander L. Blackwood, Dr. John Guerin, Modie J. Spiegel, Joseph Downey, Mrs. Isabelle O'Keeffe, Dr. Jeremiah H. Walsh, Walter T. Sumner, Julius F. Smietanka, James M. Kralovec, Dr. J. B. McFatrich, George F. Koester.

STANDING COMMITTEES (1910-1911).

School Management—Dean Sumner, chairman; Mrs. O'Keeffe and Messrs. Schneider, Cameron, Guerin, Kralovec, Smietanka, Sears, O'Malley. Member ex officio, the president.
Buildings and Grounds—Mr. Downey, chairman; Messrs. Gartz, Bennett, Blackwood, Urion, Spiegel, Greifenhagen, Swift, Koester, Walsh. Member ex officio, the president.
Finance—Mr. Spiegel, chairman; Messrs. Bennett and Koester and chairmen of school management and buildings and grounds committees. Member ex officio, the president.
Meetings of Board—On alternate Wednesday afternoons.

SUPERINTENDENTS.

General Superintendent—Ella Flagg Young.
Assistant General Superintendent—John D. Shoop.
Assistant Superintendents—William M. Roberts and Charles P. Megan.
Superintendent of Compulsory Education—W. L. Bodine.
Superintendent of Parental School—Peter A. Mortenson.

DISTRICT SUPERINTENDENTS.

1. Charles D. Lowry.
2. Rufus M. Hitch.
3. William C. Dodge.
4. Edward C. Rosseter.
5. Ella C. Sullivan.
6. Henry C. Cox.
7. Minnie R. Cowan.
8. Orville T. Bright.
9. Gertrude E. English.
10. Kate S. Kellogg.

SUPERVISORS.

Physical Education—Henry Suder.
Manual Training—Robert M. Smith.
Household Arts—Mary S. Snow.
Schools for Blind—John B. Curtis.

OFFICE HOURS.

General offices open from 9 a. m. to 5 p. m.; Saturday to 12 m.
Business manager, 4 p. m. to 5 p. m.
Superintendent, for general public, Tuesday, Wednesday and Thursday; for principals and teachers in high schools, Friday, 2 to 4; for teachers and principals in elementary schools, first Saturday of the school month, 9 a. m. to 10 a. m.; second, third and fourth Saturdays from 9 a. m. to 12 m.
District superintendents, Saturdays, 9 a. m. to 10:15 a. m. and 4 p. m. to 5 p. m. on stated days.

SCHOOLS OF CHICAGO.

With the location and principal of each.

Chicago Teachers' College—63th street and Stewart avenue; William Bishop Owen.
Parker Practice School—63th street and Stewart avenue; Charles W. French (acting).
Harrison Practice School—23d place and Wentworth avenue; William C. Payne.
Carter Practice—Wabash avenue and 61st street; Abby E. Lane.
Chicago Parental School—West Foster and North Central Park avenues; Peter A. Mortenson, superintendent.

HIGH SCHOOLS.

Austin—Friuk street and Walnut avenue; George H. Rockwood.
Bowen—89th street and Manistee avenue; Charles I. Parker.
Calumet—Normal avenue, near 81st street; Avon S. Hall.
Curtis, George W. (high school department)—Stanwood avenue, near State street; Thomas C. Hill.
Englewood—Stewart avenue and 62d street; James E. Armstrong.
Farragut—Spaulding avenue and 24th street; Frank L. Morse.
Hyde Park—56th street and Kimbark avenue; Hiram B. Loomis.
Lake—Union avenue and West 47th place; Edward F. Stearns.
Lake View—Ashland avenue and Irving Park boulevard; Benjamin F. Buck.
Lane, Albert G., Technical—Division and Sedgwick streets; William J. Bogan.
Marshall—Adams street, near Kedzie avenue; Louis J. Block.
McKinley, William—Adams street and Hoyne avenue; George M. Clayberg.
Medill—14th place, near Throop street; Albert R. Sabin.
Parker High Department—63th street and Stewart avenue; William B. Owen.
Phillips, Wendell—39th street and Prairie avenue; Spencer R. Smith.
Richard T. Crane Technical—Oakley boulevard and Van Buren street; William J. Bartholf.
Schurz, Carl—Milwaukee avenue, Addison street and West Waveland avenue; Walter F. Slocum.
Senn (site)—Ridge and Francis avenues.
Tuley—North Claremont and Potomac avenues; Franklin P. Fisk.
Waller, Robert A.—Orchard and Center streets; Oliver S. Westcott.

ELEMENTARY SCHOOLS.

Adams, J. Q.—Townsend, between Chicago avenue and Locust street; Inger M. Schjoldager.
Agassiz—Diversey boulevard and Seminary avenue; Lena E. Troendle.
Alcott—Wrightwood avenue and Orchard street; A. Esther Camfield.
Altgeld—71st and Loomis streets; James W. Brooks.
Andersen—Lincoln and Division streets; Francis M. McKay.
Armour, P. D.—33d place and Auburn avenue; Martin E. Hurney.
Arnold—Burling and Center streets; John E. Adams.
Auburn Park—Normal avenue, near 81st street; Avon S. Hall.
Audubon—Cornelia and Hoyne avenues; Charles A. Kent.
Avondale—North Sawyer avenue and Wellington street; John H. Stehman.
Bancroft—Maplewood avenue, near North avenue; Carrie F. Patterson.
Barnard, Alice L.—Charles and 104th streets; Elizabeth H. Sutherland.
Bass, Perkins—66th and May streets; Fulton B. Ormsby.
Beale—Sangamon and 61st streets; John W. May.
Beaubien — North 52d and Winnemac avenues; Sarah J. O'Keefe.
Beethoven—North Humboldt street and Berteau avenue (site).
Beidler, Jacob—Walnut street and Kedzie avenue; Jay C. Edwards.
Belding, Hiram H.—North 42d court and West Cullom avenue; Delos Buzzell.
Bismarck—Armitage and North Central Park avenues; Cora E. Lewis.
Blaine—Grace street and Janssen avenue; Mary J. Zollman.
Bradwell, Myra—Sherman avenue, near 77th street; Georgia A. Seaman.
Brainard—Washburne avenue and Leavitt street; Mina P. Scheurer.
Brenan, Thomas—Lime street, near Archer avenue; Mary A. Forkin.
Brentano—North Fairfield avenue, near Diversey avenue; Washington D. Smyser.
Brown—Warren avenue and Wood street; Matilda M. Niehaus.

Brownell—Perry avenue, near 65th street; Alma M. Willard.
Bryant—41st court, near 14th street; Ida Mighell.
Burke, Edmund—Prairie avenue and 52d street; J. Clara Breese.
Burley, Augustus H.—Barry avenue, near Ashland avenue; Mary F. Willard.
Burns, Robert—Central Park avenue and 25th street; Robert Nightingale.
Burnside, Ambrose E.—91st place and Langley avenue; Frank W. Reider.
Burr—Ashland and Wabansia avenues; John H. Stube.
Burroughs—36th street and Washtenaw avenue; George D. Plant.
Byford, William H. (Austin)—Iowa street and Central avenue; Novella M. Close.
Calhoun—Jackson boulevard and Francisco avenue; Luella V. Little.
Cameron, D. R.—Monticello and Potomac avenues; Herbert L. Merrill.
Carpenter—Center avenue and Huron street; Volney Underhill.
Chalmers, Thomas—12th street and Fairfield avenue; J. Katherine Cutler.
Chase—Cornelia court and Point place; Helen W. McLaughlin.
Chicago Lawn—62d street and Hamlin avenue; Helen Blanchard.
Chopin (site)—Iowa street and Campbell avenue.
Clarke—Ashland avenue and West 13th street; Henry G. Clark.
Clay, Henry—133d street and Superior avenue; Humphrey J. Moynihan.
Cleveland—Albany avenue and Byron street; Lewis W. Colwell.
Colman—Dearborn street near 47th—Alfred Logie.
Columbus—Augusta street, between Hoyne avenue and Leavitt street; Kate A. Reedy.
Coonley, John C.—Leavitt street and Belle Plaine avenue; Elizabeth A. McGillen.
Cooper—West 19th street, near Ashland avenue; Ida A. Shaver.
Copernicus—Throop and 60th streets; Cora Caverno.
Corkery—West 25th street and South 42d court; Daniel F. O'Hearn.
Cornell—Drexel avenue, near 75th street; Flora J. Joslyn.
Crerar, John—Campbell avenue, between Taylor and Fillmore streets; Harry S. Vaile.
Curtis, George W.—Stanwood avenue, near State street; Thomas C. Hill.
Dante—Desplaines, Ewing and Forquer streets; Harriet F. Hayward.
Darwin, Charles P.—Edgewood avenue and Catalpa court—Ernest E. Cole.
Davis, Nathan Smith—Sacramento avenue and 39th street; Jaroslav J. Zmrhal.
Delano (site)—Adams street and Springfield avenue.
Dewey, George—54th street and Union avenue; Edward McLoughlin.
Division Street—West Division and Cleaver streets; Helen B. Eastman.
Doolittle, James R., Jr.—35th street, near Cottage Grove avenue; Frederick M. Sisson.
Dore—Harrison street, near Halsted; Fred J. Watson.
Douglas—62d street and Forest avenue; Lucia Johnston.
Drake, John B.—Calumet avenue, between 26th and 28th streets; Grace Reed.
Drummond—Clybourn place and North Lincoln street; Horace N. Herrick.
Earle, Charles W.—61st street and Hermitage avenue; Ira C. Baker.
Emerson—Walnut and Paulina streets; Catherine A. Tibbetts.
Emmet, Robert (Austin)—Corner Madison street and Pine avenue; Harriet B. Davis.
Ericsson, John—West Harrison street, near Sacramento avenue; Andrew J. Wood.
Everett—Irving avenue and 34th street; Patrick F. Haley.
Fallon—Wallace and 42d streets; James E. McDade.
Farragut—Spaulding avenue and 23d street; Frank L. Morse.
Farren—Wabash avenue, near 51st street; Florence W. Colt.
Felsenthal, Herman—Calumet avenue and 41st street; Walter J. Harrower.
Fernwood—101st street and Union avenue; Charles C. Cobb.
Field, Eugene—Greenleaf and North Ashland avenues; D. Grant Hays.
Fiske, John—62d street and Ingleside avenue; Elisabeth V. Port.
Forrestville—45th street and St. Lawrence avenue; Florence Holbrook.
Foster—Union and O'Brien streets; Mary B. Catelain.
Franklin—Goethe street, near Wells; Etta Q. Gee.
Froebel—21st and Robey streets; Ellen K. Baker.
Fuller, Melville W.—42d street and St. Lawrence avenue; Louise K. Stone.
Fulton—Hermitage avenue and 53d street; Clara H. McFarlin.
Gallistel—104th street and Ewing avenue; James H. Henry.
Garfield—Johnson street and 14th place; James E. Welsh.
Gary—30th street and Lawndale avenue; Frank W. Stahl.
Gladstone—Robey street and Washburne avenue; Daniel A. Tear.
Goethe—Rockwell street, near Fullerton avenue; Charles S. Barthoff.
Goldsmith, Oliver—210 Maxwell street; Charles J. Lunak.
Goodrich—Taylor and Sangamon streets; Carolyn G. Adams.
Goudy, W. C.—North Foster and Winthrop avenues; Harriet A. Eckhardt.
Graham—45th street and Union avenue; William E. Watt.
Grant—Wilcox avenue, near Western avenue; Sarah A. Kirkley.
Gray—52d avenue and Grace street (site).
Grayland—Irving Park boulevard and Milwaukee avenue; Ella R. Connell.
Greeley, Horace—Grace street and Sheffield avenue; Abigail Cannon Ellings.
Greene, Nathanael—Paulina and 36th streets; Ida M. Cook.
Gresham—85th and Green streets; Robert H. Rennie.
Hamilton—Cornelia street and North Marshfield avenue; Elizabeth W. Murphy.
Hamline, John H.—48th and Bishop streets; Susie L. Cowan.
Hammond—21st place, near California avenue; Mary E. Tobin.
Hancock—Princeton avenue and Swan street; Minnie M. Wrisley.
Harper—65th, Wood and Honore streets; Morgan G. Hogge.
Harvard—Harvard avenue, between 74th and 75th streets; Mary S. L. Hartigan.
Haugan—Hamlin, Avers and Sunnyside avenues (site).
Haven—Wabash avenue and 15th street; Eleanor Reese Dunn.
Hawthorne—School street and Seminary avenue; George W. Davis.
Hayes—Leavitt and Fulton streets; Simeon V. Robbins.
Hayt—Granville avenue and Perry street; Elmer L. Kletzing.
Headley—Lewis street and Garfield avenue; Luman Hewes.
Healy—Wallace street, near 31st; Edward J. Tobin.
Hedges—48th street and Winchester avenue; Marcella R. Hanlon.
Hendricks—43d street and Tracy avenue; Jeannette I. Pratt.
Henry, Patrick—West Cullom and Eberly avenues; Mary E. C. Lyons.
Holden—Loomis and 31st streets; Lincoln P. Goodhue.
Holmes—55th and Morgan streets; James W. McGinnis.
Howe, Julia Ward (Austin)—Laurel avenue and Superior street; Mary E. Vance.
Howland, George — Spaulding avenue and 16th street; Amelia D. Hookway.
Hoyne—Illinois and Cass streets (not used at present).

Irving—Lexington and Leavitt streets; John W. Troeger.
Irving Park—2338 North 41st court; Mary McMahon.
Jackson, Andrew—Sholto and Better streets; William Hedges.
Jahn—North Lincoln street and Belmont avenue; Cephas H. Leach.
Jefferson—Elburn avenue and Laflin street; Catharine M. Delanty.
Jenner, Edward—Oak street and Milton avenue; Frederick J. Lane.
Jirka, Frank J.—17th and Laflin streets; Mary E. Rodgers.
Jones—Plymouth court and Harrison street; Thomas C. M. Jamieson.
Jungman—Nutt and West 18th streets; Sarah A. Fleming.
Keith—Dearborn and 34th streets; Edward Wildeman.
Kenwood—Lake avenue and 50th street; Alice E. Sollitt.
Kershaw—Union avenue, near 64th street; William Radebaugh.
Key, Francis Scott (Austin)—Ohio street and Park avenue; William L. Smyser.
King—Harrison street, near Western avenue; Ellen J. Hardick.
Kinzie—Ohio street and LaSalle avenue; Azile B. Reynolds.
Knickerbocker—Clifton and Belden avenues; Mary G. Guthrie.
Kohn—104th and State streets (site).
Komensky—Throop and 20th streets; Clara H. Mahony.
Kosciuszko—Division and Cleaver streets; Harriet P. Johnston.
Kozminski, Charles—54th street and Ingleside avenue; Leslie Lewis.
Lafayette—Washtenaw avenue and Augusta street; Mary I. Purer.
Langland—Cortland street, near Leavitt; Effie A. M. Christensen.
LaSalle—Hammond and Eugenie streets; Elizabeth T. Spieker.
Lawson, Victor F. — Homan avenue and 13th street; Mary E. Vaughan.
Lewis-Champlin—62d street and Princeton avenue; Henry S. Crane.
Libby—53d and Loomis streets; M. Elizabeth Farson.
Lincoln—Larrabee street and Kemper place; Albert L. Stevenson.
Linne—Sacramento avenue and School street; Charles A. Cook.
Lloyd—Grand and North 55th avenues; Jacob H. Hauch.
Logan—Oakley avenue and Bremen street; James B. Farnsworth.
Longfellow—35th street, near Lincoln; Mary E. Gilbert.
Lowell—North Spaulding avenue and Hirsch street; Clarence E. De Butts.
Madison, James—Madison avenue, near 75th street; Sarah A. Milner.
Manierre—Hudson avenue, near Blackhawk street; Waldo Dennis.
Mann, Horace—37th street and Princeton avenue; Susan E. Colver.
Marquette—Harrison and Wood streets; Charles W. Minard.
Marsh, J. L.—98th street and Exchange avenue; Elliott A. Hamilton.
Marshall—Adams street, near Kedzie avenue; Louis J. Block.
May, Horatio N.—South 50th avenue and West Congress street; Esther J. W. Barker.
Mayfair—North 44th and Lawrence avenues; Solon S. Dodge.
Medill—14th place, near Throop street; Albert R. Sabin.
Mitchell, Ellen F.—North Oakley avenue and Ohio street; Chester C. Dodge.
Monroe, James—Schubert and Monticello avenues; John A. Wadhams.
Montefiore—Sangamon street and Grand avenue; G. Ovedia Jacobs.
Moos, Bernhard—California and Wabansia avenues; Harry T. Baker.
Morris—Barry avenue and Bissell street; Luella Heinroth.
Morse, S. B.—Sawyer avenue and Ohio street; George L. Voorhees.
Moseley—Michigan avenue and 24th street; John A. Long.
Motley—North Ada street, near West Chicago avenue; G. Charles Griffiths.
Mozart—North Hamlin and Humboldt avenues (site).
Mulligan—Sheffield avenue, near Willow street; Hanna Schill.
McAllister—36th and Gage streets; Rose A. Pesta.
McClellan—Wallace and 35th streets; Alfonso E. MacDonald.
McCormick, Cyrus H.—Sawyer avenue and 27th street; William H. Chamberlin.
McCosh — Champlain avenue, near 66th street; Ida M. Pahlman.
McLaren, John—York and Laflin streets; John H. Loomis.
McPherson—Lincoln street, near Lawrence avenue; Adelaide E. Jordan.
Nash, Henry H.—North 49th avenue and West Erie street; Margaret S. Gill.
Nettelhorst, Louis—Evanston and Aldine avenues; Robert L. Hughes.
Newberry—Willow and Orchard streets; Edith Huguenin.
Ninety-Third Street—93d street and Houston avenue; Frank Mayo.
Nixon, Wm. Penn—Dickens and North 42d avenues; Charles H. Ostrander.
Nobel—North 41st avenue and Hirsch street; Marie A. Dunne.
Oakland—40th street and Cottage Grove avenue; Louise M. Ripple.
Ogden—Chestnut and North State streets; Esther Morgan.
Oglesby, Richard—Emerald avenue and 79th street; Daniel J. Beeby.
Otis, James—Armour street, near Ohio; G. A. Osinga.
Parkman—51st street and Princeton avenue; John B. McGinty.
Park Manor—71st street and Rhodes avenue; Genevieve Melody.
Parkside—70th street and Seipp avenue; J. Edward Huber.
Peabody—Augusta and Noble streets; Mary H. Smyth.
Penn, William—Hamlin avenue and 16th street; Bertha Benson.
Pickard—21st place and Oakley avenue; Mary J. O'Byrne.
Plamondon, Ambrose—15th place and Washtenaw avenue; William J. K. Bowen.
Poe, Edgar Allan—106th and Fulton streets; Abigail M. Hunt.
Prescott—Wrightwood and Marshfield avenues; Margaret S. Fitch.
Pulaski—Leavitt street, between Lubeck and Coblentz streets; Anna C. Goggin.
Pullman—Pullman avenue and 113th street; Daniel R. Martin.
Raster, Hermann—Wood and 70th streets; David L. Murray.
Ravenswood—Paulina street and Montrose avenue; Josiah F. Kletzing.
Ray—57th street and Monroe avenue; Arthur O. Rape.
Raymond—Wabash avenue and 36th place; John L. Lewis.
Revere, Paul—Ellis avenue and 72d street; Edmund B. Smith.
Rogers—West 13th street, near Throop; Alice A. Hogan.
Ryder—89th street and Lowe avenue; Mary T. Maroney.
Ryerson—Lawndale avenue and Huron street; John T. Ray.
Sawyer Avenue—Sawyer avenue and 53d street; Robert G. Jeffrey.
Scammon—Morgan and Monroe streets; Cecelia B. Schimek.
Scanlan—Perry avenue, near 117th street; Alfred Harvey.
Schiller—Vedder and Halsted streets; Belle B. Murphy.
Schley, Winfield Scott—North Oakley avenue, near Potomac avenue; Minna S. Heuermann.

Schneider, George—Hoyne avenue, near Wellington street; Elizabeth E. Fisk.
Scott, Walter—64th street and Washington avenue; John W. Akers.
Seward—46th street and Hermitage avenue; Benjamin F. Hill.
Sexton, James A.—Wells and Wendell streets; Dora W. Zollman.
Shakespeare, William—Greenwood avenue and 46th street; Walter H. Comstock.
Sheldon—State and Elm streets; Thomas C. Johnson.
Shepard (site)—Polk street and Lawndale avenue.
Sheridan, Mark—27th and Wallace streets; John A. Johnson.
Sheridan, Phil—90th street and Escanaba avenue; Edward L. C. Morse.
Sherman—Morgan street and 51st place; Levi T. Regan.
Sherwood—57th street and Princeton avenue; William J. Black.
Shields—43d and Rockwell streets; Walter R. Hatfield.
Skinner—Jackson boulevard and Aberdeen street; Fanny E. Oliver.
Smyth, John M.—13th street, near Blue Island avenue; William R. Hornbaker.
Spalding—Park avenue, between Ashland avenue and Paulina street; Charles C. Krauskopf.
Spencer, Herbert—Park and 50th avenues; Henry F. Kling.
Spry, John—Marshall boulevard and West 24th street; William J. Fraser.
Stanley, Henry M.—Huron and Franklin streets; Martha M. Ruggles.
Stewart—Kenmore avenue, between Wilson and Sunnyside avenues; Archibald O. Coddington.
Stowe, Harriet Beecher—Wabansia avenue and Ballou street; Frank A. Larck.
Sullivan, William K.—83d street and Houston avenue; Ada Sempill.
Sumner—43d avenue and Harrison street; Orris J. Milliken.
Swing, David—String street, between 16th and 17th; Margaret C. Adams.
Talcott—Ohio and Lincoln streets; Ambrose B. Wight.
Taylor—Avenue J, near 100th street; Annie K. Sullivan.
Tennyson—California avenue and Fulton street; Mary E. Fellows.
Thomas, George H. — Belden avenue and High street; Mary A. McNarney.
Thorp, J.° N—89th street and Superior avenue; Henry D. Hatch.
Thorp, Ole N.—Winona street, between 18th and 19th; Minnie M. Arnold.
Throop — Throop street, near 18th; Mary W. O'Keefe.
Tilden—Lake and Elizabeth streets; Harriet N. Winchell.
Tilton—West Lake street and 44th avenue; Bertha S. Armbruster.
Trumbull—North Ashland, Foster and Farragut avenues; Helen R. Ryan.
Van Vlissingen—108th place, near Wentworth avenue; George A. Brennan.
Von Humboldt — Rockwell and Hirsch streets; Mary J. W. Boughan.
Wadsworth, James—Lexington avenue, near 64th street; Isabel J. Burke.
Walsh—20th and Johnson streets; Samuel B. Allison.
Ward—Shields avenue and 27th street; Augustus R. Dillon.
Warren, Joseph—93d street and Jackson Park avenue; John M. Duggan.
Washburne—West 14th street, near Union; Charles W. Thompson.
Washington—North Morgan street and Grand avenue; Samuel R. Meck.
Waters—Wilson and Campbell avenues (site).
Webster—Wentworth avenue and 33d street; Elizabeth R. Daly.
Wells—Ashland avenue and Cornelia street; George B. Masslich.
Wentworth, D. S.—70th and Sangamon streets; William H. Campbell.
West Pullman—120th street and Parnell avenue; Harriette T. Treadwell.
Whitney, Eli—28th street and 40th court; Ella R. Coles.
Whittier—Lincoln and 23d streets; Mary Greene.
Wicker Park—Evergreen avenue, near Robey street; Fred E. Smith.
Willard, Frances E.—49th street and St. Lawrence avenue; William M. Giffin.
Worthy, John—California avenue and 26th street; Edgar W. Trout.
Yale—70th street and Yale avenue; Wm. Schoch.
Yates, Richard—Cortland and Humboldt streets; Blanca R. Daigger.

SALARIES IN CHICAGO SCHOOLS (1910).

(Per year unless otherwise specified.)

Superintendent	$10,000
First assistant superintendent	6,000
Assistant superintendents, each	3,500
Dist. superintendents, first and second year	3,500
Third and subsequent years	4,000
Examiner	3,000
Principal normal school	5,000
Supervisor physical education	3,500
Supervisor manual training	3,500
Supervisor household arts	3,000
Director normal extension	2,900
Superintendent parental school	3,000

PRINCIPALS OF HIGH SCHOOLS.

LOWER GROUP.

First year	$2,200	Fifth year	2,600
Second year	2,300	Sixth and subsequent years	2,700
Third year	2,400		
Fourth year	2,500		

UPPER GROUP.

First year	2,700	Eighth year	3,400
Second year	2,800	Ninth year	3,500
Third year	2,900	Tenth year	3,600
Fourth year	3,000	Eleventh year	3,700
Fifth year	3,100	Twelfth and subsequent years	3,800
Sixth year	3,200		
Seventh year	3,300		

HIGH-SCHOOL TEACHERS.

LOWER GROUP.

First year	$1,000	Fifth year	1,400
Second year	1,100	Sixth year	1,500
Third year	1,200	Seventh and subsequent years	1,600
Fourth year	1,300		

UPPER GROUP.

First year	$1,700	Fourth year	2,000
Second year	1,800	Fifth and subsequent years	2,100
Third year	1,900		

TEACHERS OF GERMAN, FRENCH, ETC., IN HIGH SCHOOLS.

LOWER GROUP.

First year	$1,000	Fifth year	1,200
Second year	1,050	Sixth year	1,250
Third year	1,100	Seventh and subsequent years	1,300
Fourth year	1,150		

UPPER GROUP.

First year	1,350	Fifth year	1,550
Second year	1,400	Sixth and subsequent years	1,600
Third year	1,450		
Fourth year	1,500		

SUBSTITUTES, HIGH SCHOOLS.

Substitutes in high schools receive $5 or $6 per day for days of actual service.

PRINCIPALS OF ELEMENTARY SCHOOLS.

LOWER GROUP.

First year	$1,800	Sixth year	2,300
Second year	1,900	Seventh year	2,400
Third year	2,000	Eighth year	2,500
Fourth year	2,100	Ninth and subsequent years	2,600
Fifth year	2,200		

UPPER GROUP.

First year	2,700	Ninth year	3,250
Second year	2,800	Tenth year	3,300
Third year	2,900	Eleventh year	3,350
Fourth year	3,000	Twelfth year	3,400
Fifth year	3,050	Thirteenth year	3,450
Sixth year	3,100	Fourteenth and subsequent years	3,500
Seventh year	3,150		
Eighth year	3,200		

HEAD ASSISTANTS.

LOWER GROUP.

First and subsequent years..... 1,175

UPPER GROUP.

First year..... 1,200 | Third and subse-
Second year..... 1,250 | quent years..... 1,300

EIGHTH-GRADE TEACHERS.

LOWER GROUP.

First and subsequent years..... $975

UPPER GROUP.

First year..... 1,025 | Third and subse-
Second year..... 1,075 | quent years..... 1,125

ELEMENTARY TEACHERS, PRIMARY.

LOWER GROUP.

First year..... $650 | Fifth year..... 825
Second year..... 675 | Sixth year..... 875
Third year..... 725 | Seventh and subse-
Fourth year..... 775 | quent years..... 925

UPPER GROUP.

First year..... 975 | Third and subse-
Second year..... 1,025 | quent years..... 1,075

GRAMMAR.

LOWER GROUP.

First year..... $650 | Fifth year..... 850
Second year..... 700 | Sixth year..... 900
Third year..... 750 | Seventh and subse-
Fourth year..... 800 | quent years..... 950

UPPER GROUP.

First year..... 1,000 | Third and subse-
Second year..... 1,050 | quent years..... 1,100

MISCELLANEOUS.

Teachers of the deaf and of crippled children get from $750 to $1,200 a year, according to group and length of service.

Each elementary school having twenty-five or more divisions is allowed one extra teacher, who is paid according to the elementary-school schedule, lower group.

Teachers in charge of branch schools receive extra compensation of $75 per annum.

Teachers in charge of classes in German receive extra compensation of $50 per annum.

Teachers in charge of industrial rooms and of rooms for subnormal children receive $50 per annum in advance of grammar-grade schedule.

Substitutes in elementary schools receive $3 per day for days of actual service.

Principals in evening schools receive from $3 to $5 per evening, according to length of service and size of school. Teachers get from $2 to $3.50 per evening.

Principals in vacation schools get $100 for term of six weeks; teachers get $75 per term.

CHICAGO PUBLIC SCHOOL STATISTICS.

Year.	Enrollment.	Teachers.	Year.	Enrollment.	Teachers.	Year.	Enrollment.	Teachers.	Year.	Enrollment.	Teachers.
1841.....	410	5	1859.....	12,873	101	1877.....	53,529	730	1894.....	185,358	3,812
1842.....	531	7	1860.....	14,199	123	1878.....	55,109	797	1895.....	201,380	4,326
1843.....	808	7	1861.....	16,441	160	1879.....	56,587	851	1896.....	213,835	4,668
1844.....	915	8	1862.....	17,521	187	1880.....	59,562	898	1897.....	225,718	4,914
1845.....	1,051	9	1863.....	21,188	212	1881.....	63,141	958	1898.....	236,239	5,268
1846.....	1,107	13	1864-5.....	29,080	240	1882.....	68,614	1,019	1899.....	242,807	5,535
1847.....	1,317	18	1866.....	24,851	265	1883.....	72,509	1,107	1900.....	255,861	5,806
1848.....	1,517	18	1867.....	27,260	319	1884.....	76,044	1,195	1901.....	262,738	5,951
1849.....	1,794	18	1868.....	29,954	401	1885.....	78,278	1,296	1902.....	268,392	5,775
1850.....	1,919	21	1869.....	34,740	481	1886.....	83,022	1,440	1903.....	258,968	5,444
1851.....	2,287	25	1870.....	38,939	557	1887.....	84,902	1,574	1904.....	264,397	5,570
1852.....	2,404	29	1871.....	40,832	572	1888.....	89,578	1,663	1905.....	267,837	5,695
1853.....	3,086	34	1872.....	38,035	476	1889.....	93,737	1,801	1906.....	272,086	5,803
1854.....	3,500	35	1873.....	44,091	564	1890.....	135,541	2,731	1907.....	273,050	5,981
1855.....	6,826	42	1874.....	47,963	679	1891.....	146,751	3,000	1908.....	292,581	6,106
1856-7.....	8,577	61	1875.....	49,121	700	1892.....	157,743	3,300	1909.....	296,427	6,296
1858.....	10,786	81	1876.....	51,128	762	1893.....	166,895	3,520	1910.....	300,893	6,383

CHARITY ORGANIZATIONS IN CHICAGO.

American National Red Cross Society (Illinois branch)—President, Gov. Charles S. Deneen; secretary, Charles H. Ravell, 135 Adams street; treasurer, Orson Smith.

Associated Jewish Charities of Chicago—President, Julius Rosenwald; secretary, Abram Hirshberg 916, 108 LaSalle street.

Austro-Hungarian Benevolent Association—Secretary, Gustave F. Fischer, 1430, 206 LaSalle street.

Chicago Daily News Fresh-Air Fund—Manager, H. L. Rogers. Sanitarium, Lincoln park, foot of Fullerton avenue.

Children's Hospital Society—625, 79 Dearborn street; president, Frank Billings, M. D.; secretary, Dr. Frank S. Churchill.

Christian Industrial League—President, Arthur Meeker; secretary, A. M. Millard; general manager, George A. Kilbey, 10-14 East 12th street.

Hungarian Charity Society of Chicago—President, A. B. Seelenfreund; secretary, Hugo Klein, 9th floor, 191 Market street.

Illinois Charitable Relief Corps—President, John Brennan; secretary, Miss Jennie Dwyer, 4050 Wilcox avenue.

Illinois Children's Home and Aid Society—President, R. J. Bennett; secretary, Rev. E. M. Williams; superintendent, H. W. Thurston, 601, 79 Dearborn street.

Jewish Aid Society—1245 Waller street; president, Solomon L. Sulzberger; secretary, Louis M. Cahn.

Jewish Consumptive Relief Society—President, Mrs. M. Tower; secretary, Mrs. B. Ferson, 706 South Ashland boulevard.

Societe Francaise de Bienfaisance de l'Illinois—President, Baron H. de St. Laurent; secretary, J. S. Townsend, 1554 Wabash avenue.

Societe Francaise de Secours Mutuels—Secretary, F. Mercier, 620 South Throop street.

United Charities of Chicago—President, Charles H. Wacker; secretary, Leverett Thompson; superintendent, S. C. Kingsley; office, 51 LaSalle street.

United Charities of Evanston—President, Mrs. J. L. Whitlock.

Visitation and Aid Society—President, T. D. Hurley; corresponding secretary, Miss Esther Mercer, 628, 79 Dearborn street.

RAILROAD TRACK ELEVATION.

[From report of Walter J. Raymer, commissioner of track elevation.]

Ordinances have been passed by the city council and accepted by the railroad companies for the elevation of their roadbeds and tracks from May 23, 1892, to Nov. 1, 1910, covering the following amount of work:

Total number of miles of main tracks to be elevated, 155.89.

Total number of miles of all tracks to be elevated, 935.55.

Total number of subways to be constructed, 795.

Total estimated cost of the entire work, $76,700,000.

The amount of elevation done from May 23, 1892, to Dec. 31, 1910, was as follows:

Total number of miles of main tracks elevated, 143.74.

Total number of miles of all tracks elevated, 883.52.

Total number of subways constructed, 598.

Total estimated cost of work done, $63,662,000.

PRINCIPAL LIBRARIES OF CHICAGO AND EVANSTON.

THE CHICAGO PUBLIC LIBRARY.

Michigan avenue and Washington street.

Board of Directors—Robert J. Roulston, president; George B. Armstrong, vice-president; Graham Taylor, Julius Stern, Antonio Lagorio, Frederick H. Rawson, Mortimer Frank, Henry V. Freeman.

Standing Committees (1910-1911)—Library: Stern, Taylor, Frank. Administration: Rawson, Lagorio. Branches: Taylor, Armstrong, Stern. Delivery stations: Frank, Armstrong, Freeman. Building and grounds: Lagorio, Rawson. Finance: Rawson, Stern, Armstrong. By-laws: Freeman, Lagorio, Taylor.

Meetings—Regular meetings of the board are held at 5 p. m. on the second Monday of each month.

Librarian—Henry E. Legler.

Assistant Librarian—Carl B. Roden.

Secretary—Henry G. Wilson.

Hours—Circulation department open 9 a. m. to 8:30 p. m.; Sundays, closed; reading room and reference department, 9 a. m. to 10 p. m.; Sundays, 9 a. m. to 6 p. m.

The public library is free to all residents of the city. Books may be borrowed for home reading either at the main building downtown or at any of the various delivery stations. The only requirement is that the borrower must furnish a certificate signed by a resident whose name appears in the city directory, guaranteeing the library against loss.

At the close of May 31, 1910, the public library contained 402,848 volumes. The aggregate circulation for the year ending May 31, 1910, was 1,805,012 volumes, which does not include the use of books kept on the open shelves at the main library or its branches or the periodicals or newspapers used in the reading rooms. This use would bring the total book issues to 2,416,559.

BRANCH CIRCULATING LIBRARIES.

(Reading rooms connected with all circulating branches.)

Blackstone memorial.....49th-st. and Lake-av.
Lewis institute.....1943 W. Madison-st.
Hebrew institute.....Taylor and Lytle-sts.
Burr school.....Wabansia and N. Ashland-avs.
Austin.....5642 W. Lake-st.
Lincoln Center.....Oakwood-bd. and Langley-av.
Lawndale.....Millard-av. and 23d-st.
West 26th street.....3347 W. 26th-st.
West Park No. 1.....Chicago-av. and Noble-st.
West Park No. 2.....14th and Jefferson-sts.
Sherman park.....52d and Loomis-sts.
Cornell square.....50th and Wood-sts.
Mark White square.....29th and Halsted-sts.
Logan square...Humboldt-bd., near Milwaukee-av.

BRANCH READING ROOMS.

1. .....1560 Milwaukee-av.
3. .....651 North-av.
7. Hamilton Park.....72d-st. and Normal-av.
8. Davis square.....45th-st. and Marshfield-av.
9. Armour square.....33d-st. and Shields-av.
10. Bessemer Park.....89th-st. and Muskegon-av.
11. Ogden Park.....64th-st. and Center-av.
12. .....3230 N. Clark-st.
15. Field house.....Fisk and 20th-sts.

DELIVERY STATIONS.

North division.

1. Elm and Orleans-sts.
2. 2004 Larrabee-st.
3. 2544 Lincoln-av.
4. 4356 N. Hermitage-av.
5. 4016 Lincoln-av.
6. 651 E. North-av.
7. 7013 N. Clark-st.
8. 3175 Lincoln-av.
9. 5708 Ridge-av.
10. 3230 N. Clark-st.
11. 3701 N. Halsted-st.
12. 1126 Argyle-st.
13. 1133 Wilson-av.
14. 6175 Evanston-av.
15. 5042 N. Clark-st.

South division.

1. 52 E. 22d-st.
2. 304 E. 31st-st.
3. Oakwood-bd. and Langley-av.
4. 563 W. 43d-st.
5. 49th-st. and Lake-av.
6. 443 W. 63d-st.
7. 2876 Archer-av.
8. 89th-st. and Muskegon-av.
9. 9901 Ewing-av.
10. 72d-st. and Normal-av.
11. 956 E. 55th-st.
12. 336 E. 39th-st.
13. 541 E. 47th-st.
14. 657 W. 120th-st.
15. 11100 Michigan-av.
16. 146 W. 69th-st.
17. 1304 E. 63d-st.
18. 1246 E. 75th-st.
19. 45th-st. and Marshfield-av.
20. 8671 Vincennes-av.
21. 5523 S. Halsted-st.
22. 64th-st. and Center-av.
23. 33d-st. and Armour-av.
24. 7502 Saginaw-av.
25. 5005 State-st.
26. 6603 Cottage Grove-av.
27. 3534 W. 63d-st.
28. 5902 Wentworth-av.
29. 629 E. 92d-pl.
30. 313 E. 58th-st.
31. 553 E. 71st-st.
32. 94th-st. and Winchester-av.
33. 3805 Washtenaw-av.
34. 68th-st. and Stewart-av.

West division.

1. 14th-pl. and Union-st.
2. 1722 Grand-av.
3. 1943 W. Madison-st.
4. 1813 S. Ashland-av.
5. 1560 Milwaukee-av.
6. 728 S. Western-av.
7. 1625 N. California-av.
8. 3555 Ogden-av.
9. 1011 W. Harrison-st.
10. 4035 W. Madison-st.
11. 4200 W. Irving Park-bd.
12. 2822 W. Madison-st.
13. 3249 W. Belmont-av.
14. 2639 N. Rockwell-st.
15. 4431 N. 47th-av.
16. 4055 W. 26th-st.
17. 3306 W. 12th-st.
18. 2286 Milwaukee-av.
19. 3605 Armitage-av.
20. 6013 Ceylon-av.
21. Taylor and Lytle-sts.
22. 636 N. Lawndale-av.
23. 4056 W. North-av.
24. 180 Grand-av.
25. 5642 Lake-st.
26. 2248 W. Ohio-st.
27. 4209 Armitage-av.
28. 3054 W. Harrison-st.
29. 426 N. Kedzie-av.
30. 1959 W. 20th-st.
31. 3123-3125 W. 22d-st.
32. 3347 W. 26th-st.
33. 4822 Milwaukee-av.
34. 5124 W. Chicago-av.
35. 20th and Fisk sts.
36. Chicago-av. and Noble-st.
37. 2659 Monticello-av.
38. 3406 W. North-av.
39. 610 N. 48th-av.
40. Ashland and Wabansia-avs.
41. 2063 W. 12th-st.
42. 1105 N. California-av.
43. Millard-av. and 23d-st.
44. 628 S. 48th-av.

THE JOHN CRERAR LIBRARY.

87 Wabash avenue, 6th floor.

President—Judge Peter S. Grosscup.

Vice-Presidents—Henry W. Bishop and Thomas D. Jones.

Secretary—Leonard A. Busby.

Treasurer—William J. Louderback.

Librarian—Clement W. Andrews.

Board of Directors—E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter S. Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, Frederick H. Rawson and the mayor and the comptroller of the city of Chicago, ex officiis.

Hours—The library is open daily, except Sunday, from 9 a. m. to 10 p. m.

The John Crerar library contained in October, 1910, 265,000 volumes and 80,000 pamphlets on the social, physical, natural and medical sciences and their applications. They cannot be taken from the library, but may be freely consulted by all who wish to do so. The department of medical science, formerly housed in the Newberry library building, has now been moved to the main library, where the Senn reading room is open to physicians and students.

THE NEWBERRY LIBRARY.

North Clark street and Walton place.

President—E. W. Blatchford.

Librarian—William N. C. Carlton.

Secretary—Jesse L. Moss.

Trustees—George E. Adams, Edward E. Ayer, Eliphalet W. Blatchford, Franklin H. Head, David B. Jones, Bryan Lathrop, George Manierre, Horace H. Martin, Gen. Walter C. Newberry, John A. Spoor, John P. Wilson, Moses J. Wentworth.

Hours—From 9 a. m. to 10 p. m. every day except Sundays and the following holidays: Jan. 1, May 30, July 4, Thanksgiving and Christmas.

The Newberry library, Jan. 1, 1910, contained 259,342 books and pamphlets. These are not circulated, but are kept for reference purposes. The library is open to the public.

EVANSTON PUBLIC LIBRARY.

Orrington avenue and Church street.

Free to residents of Evanston and open to others on payment of an annual fee of $2.50, or 25 cents a month. Reference department free to all. Library open from 9 a. m. to 9 p. m. week days. Reading room open from 2 to 6 p. m. Sundays and holidays. Number of volumes June 1, 1910, 46,007. Librarian, Mary B. Lindsay.

LEWIS INSTITUTE LIBRARY.

West Madison and Robey streets.

The Lewis institute library contains about 18,000 volumes and 3,700 pamphlets. The public is invited to use the library for reference, but books are loaned only to instructors and students of the institute. Throughout the school year the library is open from 8 a. m. to 5:30 p. m. daily except on Saturday, when it closes at 3 p. m.; during the session of the night school the library is also open from 6 p. m. to 9:30 p. m. Librarian, Miss Frances S. Talcott.

UNIVERSITY OF CHICAGO LIBRARY.

At the university, 58th street and Ellis avenue.

This library contains 315,000 bound volumes and 170,000 pamphlets. It is primarily for the use of the students at the university, but others may have all the privileges upon the payment of a fee. Properly accredited scholars visiting Chicago will receive complimentary cards for a term of four weeks or less upon application. The reading room is open to all. The director of the library is Ernest D. Burton; the associate director is J. C. M. Hanson.

CHICAGO HISTORICAL SOCIETY LIBRARY.

Dearborn avenue, corner Ontario street.

President—Thomas Dent.
First Vice-President—Gen. Walter C. Newberry.
Second Vice-President—Charles H. Conover.
Treasurer—Orson Smith.
Librarian—Caroline M. McIlvaine.
Executive Committee—Thomas Dent, Seymour Morris, Edward L. Ryerson, William A. Fuller, Charles F. Gunther, Samuel H. Kerfoot, Jr., George Merryweather, Otto L. Schmidt, John P. Wilson, Sr.

The library, museum and portrait gallery are open to the public from 9 a. m. to 5 p. m. on week days. It is a repository of matter relating to the history and archæology of the northwest, particularly of Chicago. It contains some 40,000 volumes and 75,000 pamphlets and a large collection of MSS., maps, views, etc., illustrative of the development of Illinois and the central west.

HAMMOND LIBRARY.

1610 Warren avenue.

The Hammond library of the Chicago Theological seminary contains about 30,500 volumes. It is intended for the use of the faculty and students of the Chicago Theological seminary, but may be consulted by clergymen and others. The library is open on week days from September to May from 9 a. m. to 12 m. and from 1 to 10 p. m. except on Saturdays, when it is closed at 5 p. m. Closed Sundays. Acting librarian, Florence M. Freeman.

RYERSON LIBRARY.

Art institute, Michigan avenue and Adams street.

The Ryerson library of the Art institute is devoted exclusively to works on fine art. It contains more than 6,400 bound volumes and a collection of 16,000 Braun autotypes. Open every day except Sundays and holidays from 9 a. m. to 5 p. m. The library is primarily for the students of the institute, but is practically a free reference library on fine art. Librarian, Mary Van Horne.

ACADEMY OF SCIENCES LIBRARY.

In Lincoln park.

Consists principally of the publications of learned societies of this and other countries and is especially rich in the literature of photography, zoology, geology and allied sciences. Oct. 1, 1910, the library contained over 29,000 volumes and pamphlets. Open from 9 a. m. to 5 p. m. on week days.

ST. IGNATIUS' COLLEGE LIBRARY.

1076 West 12th street.

The library of the college of arts of Loyola university. It contains about 45,000 volumes for the use of the faculty and students, but may be consulted by others on application to the librarian. Open from 8 a. m. to 4 p. m. Librarian, A. J. Garvy, S. J.

WESTERN SOCIETY OF ENGINEERS.

No. 1735 Monadnock block.

The library of this society contains over 7,700 volumes, almost altogether engineering, scientific and technical works, and is maintained at the cost of the society. It is a free public reference library, open for use during business hours of business days. Secretary and librarian, J. H. Warder.

CHICAGO LAW INSTITUTE LIBRARY.

1025 county building.

President—George E. Dawson.
Secretary—Alfred E. Barr.
Treasurer—Frederic S. Hebard.
Librarian—William H. Holden.

The library contains about 52,000 volumes.

GARRETT BIBLICAL INSTITUTE LIBRARY.

Evanston, Ill.

This is a reference library of theology for the use of the faculty and students of the institute, but open to the public October to June, from 8 a. m. to 6 p. m. Oct. 26, 1910, the library contained 27,308 volumes. Librarian, Doremus A. Hayes.

NORTHWESTERN UNIVERSITY LIBRARY.

Evanston, Ill.

The Northwestern university library contained 123,595 bound volumes and 83,000 pamphlets July 1, 1910. The library is open during the college year from 8 a. m. to 10 p. m. daily, except Sunday, and during the summer vacation from 8 a. m. to 12 m. and from 1:30 to 5 p. m. Librarian, Walter Lichtenstein.

PULLMAN PUBLIC LIBRARY.

73 to 77 Arcade building, Pullman, Ill.

Contains 10,000 volumes. Library open from 10 a. m to 5:30 p. m. and in the evenings from 6:45 to 9 o'clock; also Sundays and holidays, 2 to 6 p. m. Librarian, Bertha S. Ludlam; assistants, Caroline H. Mott and Luella L. Hewitt.

FIELD MUSEUM LIBRARY.

Jackson park.

The museum library occupies three rooms in the north end of the building and is open to the public every week day from 9 a. m. to 4:30 p. m. The library is a scientific one and is designed for reference purposes only.

In the reading room the magazines are accessible without application. Visitors can consult books by making application to the librarian.

The library on Sept. 30, 1910, contained approximately 53,000 books and pamphlets. Librarian, Elsie Lippincott.

SOCIETIES OF TEACHERS.

Cook County Teachers' Association—Superintendent, A. F. Nightingale.

Chicago Principals' Club—107 Dearborn street; president, W. H. Campbell; secretary, Mary E. Tobin, 2051 West Jackson boulevard.

Chicago Teachers' Federation—Room 844, 79 Dearborn street; president, Mrs. Ida L. Fursman; corresponding secretary, Frances E. Harden; financial secretary, Catherine Goggin; business agent, Margaret A. Haley.

Chicago Teachers' Pension Fund—President, Mary E. Vaughan; secretary, Herbert Miller, Crane school.

Head Assistants' Association—President, Miss Myra C. Billings; secretary, Miss Anna Strauss, 4415 Drexel boulevard.

Men's Teachers' Club—President, Clyde Browne; secretary, Frank C. Bicknase, James Otis school.

Principals' Association—President, Avon S. Hall; secretary, Mary E. Fellows, 1922 Patterson avenue.

EVANSTON HISTORICAL SOCIETY.

Incorporated November, 1898.

President—J. Seymour Currey.
Vice-President—Frank R. Grover.
Treasurer—Henry J. Wallingford.
Secretary—Merton J. Clay.

The Evanston Historical society has rooms in the Public Library building there. It has a library of 900 volumes, 800 pamphlets and a large amount of historical data.

BANKS AND BANK STATISTICS OF CHICAGO.

Austin State—South Park and South boulevard, Austin; capital, $50,000; president, Charles S. Castle; cashier, Perley D. Castle.

Bank of Montreal—184 LaSalle; capital, $14,400,000; manager Chicago branch, J. M. Greata.

Calumet National—3020 East 92d; capital, $100,000; president, John Cunnea; cashier, John J. Cunnea.

Central Trust Company of Illinois—152 Monroe; capital, $2,000,000; president, Charles G. Dawes; cashier, William R. Dawes.

Chicago City—6225 Halsted; capital, $500,000; president, Louis Rathje; cashier, E. H. Holtorff.

Chicago Savings and Trust—Chicago Savings Bank building, State and Madison; capital, $500,000; president, Lucius Teter; cashier, Houston Jones.

Colonial Trust and Savings—205 LaSalle; capital, $600,000; president, L. C. Rose; cashier, R. C. Keller.

Continental and Commercial National—115 Adams street; capital, $20,000,000; president, George M. Reynolds; cashier, N. R. Losch.

Continental and Commercial Trust and Savings—Monroe and Clark; capital, $3,000,000; president, W. Irving Osborne; cashier, C. C. Wilson.

Cook County State Savings—608 Blue Island avenue; capital, $50,000; president, Raymond Cardona.

Corn Exchange—LaSalle and Adams; capital, $3,000,000; president, Ernest A. Hamill; cashier, Frank W. Smith.

Drexel State—3946 Cottage Grove avenue; capital, $200,000; president, B. M. Cottrell; cashier, M. J. Meal.

Drovers' Deposit National—4201 Halsted; capital, $600,000; president, R. T. Forbes; cashier, George M. Benedict.

Drovers' Trust and Savings—4201 Halsted; capital, $200,000; president, William C. Cummings; cashier, Murray S. Otstott.

Edgewater—5545 Evanston avenue; capital, $25,000; president, W. H. Taisley; cashier, O. S. Taisley.

Englewood State—237 West 63d; capital, $200,000; president, C. H. Vehmeyer; cashier, John R. Burgess.

Farwell Trust Company—226 LaSalle; capital, $1,500,000; president, Granger Farwell; cashier, John B. Sears.

First National—Dearborn and Monroe; capital, $8,000,000; president, James B. Forgan; cashier, C. N. Gillett.

First National of Englewood—349 West 63d; capital, $150,000; president, J. J. Nichols; cashier, V. E. Nichols.

First Trust and Savings—Dearborn and Monroe; capital, $2,000,000; president, J. B. Forgan; vice-president, E. K. Boisot.

Foreman Bros. Banking Company—110 LaSalle; capital, $1,000,000; president, Edwin G. Foreman; cashier, George N. Neise.

Fort Dearborn National—134 Monroe; capital, $1,000,000; president, William A. Tilden; cashier, H. R. Kent.

Guarantee Trust and Savings—835 West 63d; capital, $200,000; president, William H. C. Stege; cashier, C. H. Dehning.

Harris Trust and Savings—204 Dearborn; capital, $1,250,000; president, N. W. Harris; cashier, Frank R. Elliott.

Hibernian—Clark and Monroe; capital, $1,500,000; president, John V. Clarke; cashier, John W. MacGeagh.

Illinois Trust and Savings—LaSalle and Jackson; capital, $5,000,000; president, John J. Mitchell; cashier, B. M. Chattell.

Kaspar State—1872 Blue Island avenue; capital, $200,000; president, William Kaspar; cashier, Charles Krupka.

Kenwood Trust and Savings—Grand boulevard and 47th; capital, $200,000; president, A. K. Brown; cashier, R. H. Willard.

Lake View Trust and Savings—3213 North Ashland avenue; capital, $200,000; president, Charles Johnson; cashier, Otto J. Gondolf.

LaSalle Street National—217 LaSalle; capital, $1,000,000; president, William Lorimer; cashier, C. Claven.

Live Stock Exchange National—Union stockyards; capital, $1,250,000; president, W. A. Heath; cashier, G. F. Emery.

Merchants' Loan and Trust—135 Adams; capital, $3,000,000; president, Orson Smith; cashier, J. G. Orchard.

Metropolitan Trust and Savings—LaSalle and Washington; capital, $750,000; president, Samuel E. Bliss; cashier, Calvin F. Craig.

Michigan Avenue Trust—2218 Michigan avenue; capital, $200,000; president, Landon C. Rose; cashier, T. A. Fitzsimmons.

Monroe National—Madison and LaSalle; capital, $300,000; president, Edwin F. Brown; cashier, L. C. Woodworth.

National City—184 LaSalle; capital, $1,500,000; president, David R. Forgan; cashier, L. H. Grimme.

National Bank of the Republic—LaSalle and Monroe; capital, $2,000,000; president, John A. Lynch; cashier, R. M. McKinney.

National Produce—132 Lake; capital, $250,000; president, Edwin L. Wagner; cashier, R. M. Ballou.

North Avenue State—North avenue and Larrabee; capital, $200,000; president, L. C. Rose; cashier, C. E. Schick.

Northern Trust—LaSalle and Monroe; capital, $1,500,000; president, Byron L. Smith; cashier, Thomas C. King.

Northwestern Trust and Savings—1152 Milwaukee avenue; capital, $200,000; president, J. F. Smulski; cashier, T. M. Helinski.

Pearsons-Taft Land Credit—181 LaSalle street; capital, $200,000; president, Oren B. Taft; cashier, H. H. Mellin.

People's Stockyards State—Ashland and 47th; capital, $300,000; president, William J. Rathje; cashier, H. C. Laycock.

People's Trust and Savings, Michigan avenue and Adams; capital, $500,000; president, Charles H. Bosworth; cashier, R. H. Griffin.

Prairie State—641 Washington boulevard; capital, $500,000; president, George Woodland; cashier, Fred B. Woodland.

Pullman Trust and Savings—Pullman, Ill.; capital, $500,000; president, Edward F. Bryant; cashier, Marcus A. Aurelius.

Railway Exchange—15 Jackson; capital, $250,000; president, George Merryweather; assistant cashier, A. M. Rode.

Roseland State Savings—11500 Michigan avenue; capital, $200,000; president, John S. Runnells; cashier, David J. Harris.

Security—Milwaukee avenue and Carpenter; capital, $300,000; president, E. A. Erickson; cashier, J. C. Hansen.

South Chicago Savings—3017 East 92d; capital, $200,000; president, T. P. Phillips; cashier, Warren W. Smith.

South Side State—4259 Cottage Grove; capital, $200,000; president, H. W. Mahan; cashier, William Hardy.

State Bank of Chicago—Washington and LaSalle; capital, $1,500,000; president, L. A. Goddard; cashier, Henry S. Henschen.

State Bank of West Pullman—120th and Lowe; capital, $25,000; president, C. D. Rounds; cashier, Harry Paul.

Stockmen's Trust and Savings—5425 South Halsted; capital, $200,000; president, P. J. Harmon; cashier, D. M. Wood.

Stockyards Savings—4162 South Halsted; capital, $250,000; president, C. N. Stanton; cashier, T. J. Fitzgerald.

Union Trust—Dearborn and Madison; capital, $1,200,000; president, F. H. Rawson; cashier, F. P. Schreiber.

West Side Trust and Savings—Halsted and 12th; capital, $200,000; president, B. S. Mayer; cashier, Charles F. Hoerr.

Western Trust and Savings—LaSalle and Adams; capital, $1,000,000; president, Joseph E. Otis; cashier, William C. Cook.

Woodlawn—449-453 East 63d; capital, $200,000; president, William D. McKey; cashier, Fred C. Bell.

Chicago Clearing House Association—Northern Trust building, LaSalle and Monroe streets; president, Joseph T. Talbert; manager, W. D. C. Street.

CHICAGO BANK STATISTICS.

Deposits, loans and surplus of Chicago banks at close of business Nov. 10, 1910:

	Deposits.	Loans.	Surplus and undivided profits.
Cont'l & Com. Natl.	$153,312,647	$111,164,043	*$13,209,118
First National	108,177,298	77,324,058	†17,149,053
Illinois Trust	85,014,065	57,507,850	8,609,830
Corn Exchange	57,256,411	37,339,353	5,497,543
Merchants' Loan	52,224,220	29,942,480	6,012,400
First Trust	46,924,662	26,928,676	3,165,065
Northern Trust	29,698,793	15,524,073	2,382,904
National City	24,474,896	14,536,995	405,877
Hibernian Banking	24,363,878	18,070,506	981,665
State Bank of Chi.	22,884,551	17,339,984	1,782,613
Nat. Bank of Rep.	22,002,753	16,762,556	1,255,624
Central Trust	17,024,240	10,853,800	938,613
Fort Dearborn	16,025,834	10,779,717	417,082
Union Trust	15,838,914	9,874,361	1,161,140
Con. & Com. Trust	14,901,140	8,191,895	444,155
Live Stock Exchg.	11,565,097	7,706,720	525,597
Western Trust	10,418,320	8,134,859	148,374
Harris Trust	9,471,224	4,626,840	1,471,162
Foreman Bros. B. Co.	9,170,995	7,404,997	552,445
Prairie State	7,344,751	5,149,551	86,405
Drovers' Deposit	7,273,972	4,668,082	402,509
Colonial Trust	5,130,382	3,909,088	459,366
Chicago Savings	4,606,239	2,719,830	112,943
Metropolitan Trust	4,460,552	3,749,895	226,782
Pullman Trust	4,031,146	2,760,900	233,906
Kaspar State	3,704,110	2,888,257	162,240
West Side Trust	3,507,038	2,966,869	119,050
First of Englewood	3,261,625	2,202,817	193,486
People's Stocky'ds State	2,847,322	2,215,760	109,876
Security	2,790,634	2,071,490	194,357
Chicago City	2,778,635	2,295,838	245,216
Stockyards Savings	2,495,860	1,723,133	200,198
Drovers' Trust	2,433,318	1,781,767	123,962
Drexel State	2,392,060	1,861,532	30,766
Northwest'n Trust	2,304,130	1,456,876	69,040
LaSalle St. Nat.	2,208,077	2,135,151	258,838
National Produce	1,804,743	1,161,898	81,806
So. Chicago Savings	1,705,682	1,496,042	89,000
Austin State	1,524,365	1,238,750	69,184
Kenwood Trust	1,498,417	1,451,298	59,499
Monroe National	1,446,000	972,355	66,795
Standard Trust	1,411,604	1,334,555	260,074
South Side State	1,338,570	1,257,268	10,439
Lake View Trust	1,317,420	1,160,352	41,792
Union Bank	1,304,120	1,003,411	37,006
Railway Exchange	1,225,461	817,880	33,451
North Av. State	1,192,374	1,056,659	70,952
Woodlawn Trust	1,175,709	1,030,661	56,122
Englewood State	1,122,002	724,119	40,916
Stockmen's Trust	1,077,677	622,413	39,000

*Includes capital and surplus of Continental-Commercial Trust. †Includes capital and surplus of First Trust.

In addition to the above, outlying banks report deposits as follows: Calumet National $856,834; Washington Park, $306,086; Ashland State, $123,749; Citizens' Trust and Savings, $346,967; Guaranty Trust and Savings, $337,630; Michigan Avenue Trust, $112,348; North Side State Savings, $875,625; Northwest State, $935,911; Roseland State, $522,755; State Bank of West Pullman, $265,844; Wendell State, $690,696.

CLEARINGS OF 1909 BY MONTHS.

Month.	Clearings.	Balances.
January	$1,122,588,697.43	$94,756,424.82
February	1,004,039,352.25	82,014,028.44
March	1,202,801,756.64	73,501,039.64
April	1,116,755,409.13	70,531,124.50
May	1,149,913,456.01	92,698,603.98
June	1,186,719,823.47	92,973,005.14
July	1,175,965,152.98	99,313,061.09
August	1,095,319,510.05	87,549,301.72
September	1,130,347,328.39	104,084,824.02
October	1,213,651,405.51	65,495,587.79
November	1,162,800,081.76	70,508,354.96
December	1,224,941,639.24	60,073,951.39
Total	13,781,843,612.86	993,499,307.49

CLEARINGS OF 1910 (FIRST TEN MONTHS).

January	$1,160,916,011	June	$1,182,174,124
February	1,064,330,675	July	1,141,550,827
March	1,341,212,049	August	1,077,147,384
April	1,229,975,961	September	1,080,841,543
May	1,155,717,190	October	1,163,264,457

CHICAGO BANK CLEARINGS AND BALANCES.

Year.	Clearings.	Balances.
1898	$5,517,335,476.66	$555,107,047.54
1899	6,612,313,611.00	646,147,807.07
1900	6,799,535,598.36	623,931,299.40
1901	7,756,372,455.31	690,404,179.78
1902	8,394,872,351.59	653,199,396.54
1903	8,755,553,649.93	675,022,539.58
1904	8,989,983,764.40	739,806,074.15
1905	10,191,765,732.59	779,110,938.92
1906	11,047,311,894.50	735,239,699.40
1907	12,087,647,870.08	727,408,863.87
1908	11,853,814,943.56	894,571,514.21
1909	13,781,843,612.86	993,499,307.49

CHICAGO REAL-ESTATE TRANSFERS.

Year.	No. sales.	Consideration.	Year.	No. sales.	Consideration.
1893	15,449	$101,386,357	1902	18,063	$111,441,112
1894	16,606	99,277,445	1903	19,880	107,680,304
1895	15,802	114,597,724	1904	24,450	102,870,570
1896	14,022	91,022,602	1905	28,940	139,601,896
1897	13,924	101,195,313	1906	31,562	141,342,020
1898	13,358	93,100,276	1907	26,380	131,982,811
1899	14,336	108,210,111	1908	29,321	133,325,630
1900	14,356	87,917,998	1909	32,821	140,908,512
1901	15,871	100,664,279	1910*	29,247	135,951,659

*First ten months.

TORRENS SYSTEM.

TRANSFERS.

Year.	Number.	Consideration.	Year.	Number.	Consideration.
1910*	1,392	$2,628,390	1904	445	$1,142,410
1909	1,253	2,186,587	1903	309	741,030
1908	1,006	1,683,337	1902	165	384,850
1907	976	1,267,406	1901	55	198,170
1906	988	1,607,189	1900	48	96,860
1905	748	1,254,049	1899	20	31,125

*First ten months.

MUNICIPAL LODGING HOUSE.

162 North Union street. Charles F. Rogers, supt.

The municipal lodging house is for the benefit of all homeless and indigent men and boys in the city. Lodging, a bath and food are provided free for every applicant for one night, and longer if he is honestly seeking employment. The crippled, old or infirm are sent each morning to hospitals, dispensaries or homes. Employment is found for the able-bodied and industrious. Statistics for the calendar years 1907, 1908 and 1909 are as follows:

	1907.	1908.	1909.
Lodgings given	23,642	105,564	69,980
Meals served	47,284	229,397	142,691
Situations supplied	5,568	8,119	4,884
Cripples received	808	2,473	2,874
Skilled laborers received	8,919	40,389	25,432
Unskilled laborers received	14,723	65,175	44,548
Sent to county agent	272	312	199
Sent to county hospital	116	240	163
Sent to the bureau of charities	37	56	19
Sent to dispensary	1,598	3,648	740
Vaccinations	321	965	182

CHURCH MEMBERSHIP IN CHICAGO.

Oct. 3, 1910, a religious census of Chicago was taken under the auspices of the International Sunday School association, the work being done by 20,000 volunteers from among church officers and Sunday school teachers. Following is a summary of the census:

Persons visited, 1,900,000.
Number found to be active church members, 946,800.
Number attending Sunday school, 283,600.

LICENSE RATES IN CHICAGO DEC. 1, 1910.

Per year unless otherwise specified.

AMUSEMENTS.

	Rate.
Theaters—	
(a) Highest admission fee, except for box seats, $1.00 or more	$1,000.00
(b) Highest admission fee, except for box seats, exceeds 50c but is less than $1.00	400.00
(c) Highest admission fee, except for box seats, exceeds 30c but does not exceed 50c	300.00
(d) Highest admission fee, except for box seats, exceeds 20c but does not exceed 30c	250.00
(e) Highest admission fee, except for box seats, does not exceed 20c	200.00
Lectures, art exhibits, etc	200.00
Concerts	100.00
Penny arcades, etc	200.00
Halls for Dances, Bazaars, etc.—	
(a) Seating capacity not exceeding 300 persons	25.00
(b) Seating capacity more than 300 persons but not more than 500 persons	50.00
(c) Seating capacity more than 500 persons but not more than 800 persons	75.00
(d) Seating capacity more than 800 persons	100.00
Summer gardens, per week	20.00
Amusement parks, per week	40.00
Picnic grounds	10.00
Roller or ice skating rinks	200.00
Baseball, Football, etc., Fields—	
(a) Seating capacity 15,000 persons or more	1,000.00
(b) Seating capacity less than 15,000 persons but not less than 10,000 persons	700.00
(c) Seating capacity less than 10,000 persons but more than 4,000 persons	300.00
(d) Seating capacity not exceeding 4,000 persons	75.00
Wrestling Matches—	
(a) Seating capacity 500 persons or less, per day	5.00
(b) Seating capacity more than 500 persons but not more than 1,000 persons, per day	10.00
(c) Seating capacity more than 1,000 persons but not more than 2,000 persons, per day	20.00
(d) Seating capacity more than 2,000 persons but not more than 3,000 persons, per day	30.00
(e) Seating capacity more than 3,000 persons but not more than 4,000 persons, per day	40.00
(f) Seating capacity more than 4,000 persons but less than 5,000 persons, per day	$50.00
(g) Seating capacity 5,000 persons or more, per day	60.00
Poultry Shows, Horse Shows, etc.—	
(a) Highest admission fee exceeds 75c, per day	25.00
(b) Highest admission fee exceeds 50c but does not exceed 75c, per day	15.00
(c) Highest admission fee exceeds 10c but does not exceed 50c, per day	10.00
(d) Highest admission fee does not exceed 10c, per day	1.00
Circuses, Menageries, etc.—	
(a) Seating capacity more than 6,000 persons, per day	150.00
(b) Seating capacity more than 3,000 persons but not more than 6,000 persons, per day	50.00
(c) Seating capacity more than 1,500 persons but not more than 3,000 persons, per day	35.00
(d) Seating capacity more than 750 persons but not more than 1,500 persons, per day	25.00
(e) Seating capacity more than 400 persons but not more than 750 persons, per day	15.00
(f) Seating capacity not more than 400 persons, per month	10.00
Air domes, sideshows, etc., per day	10.00
Swimming and diving shows, per week	2.00
Platform, walk-around, etc., shows, per week	2.00
Skill and strength testing devices, per week	.50
Merry-Go-Rounds, Coasters, etc.—	
(a) Highest fee or fare for one ride does not exceed 5c, per week	2.00
(b) Highest fee or fare for one ride exceeds 5c but does not exceed 10c, per week	5.00
(c) Highest fee or fare for one ride exceeds 10c, per week	10.00
Pony or animal rides, etc., per week	.50
Fireworks exhibitions, per day	50.00
Entertainments not included in the foregoing, per day	5.00

Note—Where a license fee is fixed at so much per week, no license to issue for a less period than ten weeks.

MISCELLANEOUS.

	Rate.
Acetylene gas, collection or compression of	$150.00
Acetylene gas, sale or distribution of	5.00
Auctioneers	300.00
Auctioneers, special sales, per day	10.00
Automobiles, public passenger (on stands), seating three persons or less	2.50
Automobiles, public passenger (on stands), seating four to eight persons	5.00
Automobiles, public passenger (on stands), seating nine to twenty persons	10.00
Automobiles, public passenger (on stands), seating more than twenty	25.00
Automobiles, public passenger (not on stands)	5.00
Automobiles seating one or two persons (wheel tax)	12.00
Automobiles seating more than two persons (wheel tax)	20.00
Automobile delivery wagons, capacity less than one ton (wheel tax)	15.00
Automobile trucks, buses and coaches (wheel tax)	30.00
Automobiles, demonstrating or testing	10.00
Automobiles, state fee	2.00
Bakeries	5.00
Bathing beaches, etc	15.00
Billiard and pool tables, each	5.00
Bill posting, with wagons	100.00
Bill posting, without wagons	25.00
Boarding stables	10.00
Boats, launches, etc., $2.00, $10.00 and	25.00
Bowling alleys, each	5.00
Brewers and distillers	500.00
Brokers	25.00
Cabs, public	1.00
Carbonated waters, etc	20.00
Cars, elevated railway, each	50.00
Cartridges and shells, $10.00 and	25.00
Catch basins and sewers, cleaners of, per wagon	10.00
Chauffeurs, state fee	1.00
Cigarette dealers	100.00
Coupes, public	1.00
Deadly weapons, to purchase, own or borrow	No fee
Deadly weapons, dealers in	25.00
Delicatessen store	5.00
Detective agencies	100.00
Dispensaries, medical	20.00
Dogs	2.00
Drain layers	5.00
Drivers of public passenger horse-drawn vehicles	1.00
Drug stores	5.00
Engineers, stationary	2.00
Fireworks, sale of	10.00
Fitness, certificates of (for handling high explosives)	5.00
Fishmongers	15.00
Garages	25.00
Gunpowder and explosives, sale of	25.00
Hacks, public	2.50
Hospitals	100.00
Hotels	15.00
Housemovers (at a time)	5.00
Ice dealers, retail, per wagon	10.00
Junk dealers	50.00
Junk wagons, each	10.00
Liquors, malt, wholesale (one to six gallons)	50.00
Liquors, malt, wholesale (more than six gallons at a time)	500.00
Liquors, spirituous, wholesale	100.00
Liquors, vinous, wholesale	50.00
Liquors, malt and vinous, in amusement halls (by special permit), per day	6.00
Livery stables	10.00
Lumber dealers	100.00
Marriages (county)	1.50
Meat market	15.00
Milk dealers	10.00
Milk peddlers, per wagon	10.00
Motor bicycles and motor tricycles (wheel tax)	3.00
Moving picture films, storage of	25.00
Moving picture operators	10.00

	Rate.
Natatoriums and swimming pools	15.00
Nurseries, public	10.00
Omnibuses, public	5.00
Operators of public motor vehicles	3.00
Operators of public motor vehicles (renewal)	2.00
Pawnbrokers	300.00
Peddlers—Basket	10.00
Coal, charcoal and coke	5.00
Fish (Thursdays and Fridays only)	15.00
Hand cart	25.00
Oil, per wagon	10.00
Pack	15.00
Wagon, each	50.00
Wood, per wagon	10.00
Plumbers, master or employing (renewal $10.00)	50.00
Plumbers, journeymen	1.00
Poulterers	15.00
Public cart ("express"), each	1.00
Public cart ("express"), automobile	15.00
Public passenger horse-drawn vehicles (not on stands)	5.00
Rendering tanks, each	20.00
Restaurants	15.00
Roofers, composition	10.00
Runners	25.00
Saloons	1,000.00
Scavengers, night	50.00
Scavengers, offal	100.00
Scavengers, private, per wagon	5.00
Second-hand dealers	50.00
Shooting galleries	25.00
Slaughtering, rendering, etc.	300.00
Soap factories	150.00
Stables, sales	25.00
Tanneries	50.00
Tenders, boiler or water	1.00
Tickers	1.00
Undertakers	10.00
Undertakers' assist. (permit)	5.00
Vehicles (wheel tax)—	
One-horse	5.00
Two-horse	10.00
Three-horse	15.00
Four-horse	25.00
Six-horse or more	35.00
Weighers, public	10.00
Workshops	2.00

CHICAGO MORTALITY STATISTICS.

[From reports of health department.]

POPULATION, DEATHS AND DEATH RATES BY YEARS.

Year.	Population.	Deaths.	Deaths in 1,000 of population.
1843	7,580	141	18.60
1844	10,170	336	33.04
1845	12,088	344	28.46
1846	14,169	394	27.81
1847	16,859	572	33.93
1848	20,023	638	31.86
1849	23,047	1,701	73.80
1850	29,963	1,467	48.96
1851	34,000	927	27.26
1852	38,734	1,809	46.70
1853	59,130	1,325	22.41
1854	65,872	4,217	64.02
1855	80,023	2,181	27.26
1856	84,113	2,086	24.80
1857	87,600	2,414	27.56
1858	90,000	2,255	25.06
1859	93,000	2,008	21.59
1860	109,206	2,264	20.73
1861	120,000	2,279	18.99
1862	138,186	2,835	20.52
1863	150,000	3,875	25.83
1864	169,353	4,448	26.26
1865	178,492	4,029	22.57
1866	200,418	6,524	32.55
1867	225,000	4,773	21.21
1868	252,054	5,984	23.74
1869	280,000	6,488	23.17
1870	306,605	7,323	23.88
1871	324,270	6,976	20.97
1872	367,396	10,156	27.64
1873	380,000	9,557	25.15
1874	395,408	8,025	20.30
1875	400,500	7,899	19.72
1876	407,661	8,573	21.03
1877	430,000	8,026	18.67
1878	436,731	7,422	16.99
1879	491,516	8,614	17.53
1880	503,185	10,462	20.79
1881	540,000	14,101	26.11
1882	560,693	13,234	23.60
1883	580,000	11,555	19.92
1884	629,885	12,471	19.80
1885	665,000	12,474	18.76
1886	703,715	13,699	19.47
1887	760,000	15,409	20.27
1888	802,651	15,772	19.65
1889	935,000	16,946	18.12
1890	1,099,850	21,856	19.87
1891	1,148,795	27,754	24.16
1892	1,199,730	26,219	21.85
1893	1,253,022	27,083	21.61
1894	1,308,682	23,892	18.26
1895	1,366,813	24,219	17.72
1896	1,427,527	23,257	16.29
1897	1,490,937	21,809	14.63
1898	1,557,164	22,793	14.64
1899	1,626,333	25,503	15.68
1900	1,698,575	24,941	14.68
1901	1,747,236	24,406	13.97
1902	1,795,897	26,455	14.73
1903	1,844,558	28,914	15.68
1904	1,893,219	26,811	13.90
1905	1,941,880	27,212	14.01
1906	1,990,541	29,048	14.59
1907	2,039,202	32,143	15.76
1908	2,087,862	30,556	14.64
1909	2,136,525	31,300	14.65

NOTE—The figures of population in this table are those of the United States census for the years 1850, 1860, 1870, 1880, 1890 and 1900; of the state census for 1845, 1855 and 1865; of the city census for the years 1843, 1846, 1847, 1848, 1849, 1853, 1856 and 1862; of the official census under the school law for every even-numbered year thereafter until 1900. For the years after 1900 the population was estimated according to the government census bureau method.

DETAILED MORTALITY STATEMENT FOR 1908 AND 1909.

	—Total deaths— 1909.	1908.	Decrease in totals In 1909.
Total deaths, all causes	31,296	30,556	*740
Death rate per 1,000 of popul'n	14.58	14.50	*.08
By sex:			
Males	17,872	17,228	*644
Females	13,424	13,328	*96
By color:			
White	30,281	29,540	*741
Colored	1,015	1,016	1
By ages:			
Under 1 year	6,384	6,908	524
1 to 5 years	2,976	2,768	*208
5 to 20 years	1,956	1,958	2
20 to 60 years	13,250	12,552	*698
Over 60 years	6,724	6,362	*362
Unknown ages	6	8	2
By important causes:			
Diphtheria	680	564	*116
Scarlet fever	369	398	29
Measles	165	174	9
Whooping cough	139	140	1
Influenza	186	418	232
Smallpox	.....	.....	...
Typhoid	271	338	67
Diarrheal diseases	3,469	3,459	*10
Under 2 years of age	3,116	3,019	*97
Over 2 years of age	353	440	87
Pneumonia (all forms)	4,985	3,686	*1,299
Tuberculosis (all forms)	3,885	3,934	49
Of lungs	3,346	3,345	*1
Other forms	539	589	50
Cancer	1,646	1,451	*195
Diabetes	299	244	*55
Nervous diseases, total	926	1,161	235
Convulsions	10	168	158
Meningitis, simple	263	275	12
Heart diseases	2,909	2,518	*391
Apoplexy	597	578	*19
Bronchitis, total	102	786	684
Acute	87	665	578
Chronic	15	121	106
Nephritis (all forms)	2,273	2,056	*217
Violence (all forms)	2,956	2,246	710
Suicide	454	500	46
Accidents	2,262	1,515	*747
Homicide	212	195	*17
Legal executions	.....	.....	...
Sunstroke	28	36	8
Still births (never breathed) not included in total deaths above	2,254	2,378	124

Populations—revised after enumeration of 1910—2,107,243 for 1908 and 2,146,263 for 1909.
*Increase.

THE MOVEMENT FOR GOOD ROADS.

The following call for an international good roads congress to be held in Chicago in 1911 was issued in 1910:

From Sept. 16 to 21, 1901, there was held in the city of Buffalo an international good roads congress, the call for which was issued from the headquarters of the National Good Roads association at Chicago. Participation by delegates from foreign countries was invited and such invitation was transmitted by the department of state to the diplomatic officers of the United States throughout the world, and through them communicated to the ministers of foreign affairs with the request that it be given publicity for the information of organizations and individuals who might be interested.

On the tenth anniversary of this milestone in the good roads movement, there will be held in the city of Chicago on Sept. 18, 19, 20, 21, 22 and 23, 1911, during the first week of the International Municipal Congress and Exposition, an international good roads congress, to which are invited delegates from every city, state and nation.

The production of permanent public streets and roads is one of the most important problems of the century, affecting the material and social well being of all classes and conditions of people.

The marvelous development of the motor vehicle has brought about such changed conditions as to demand the best thought and experience of road experts.

When the agricultural production alone of the United States for the past eleven years totals $70,000,000,000, a sum to stagger the imagination, and it cost more to take this product from the farm to the railway station than from such station to the American and European markets, and when the saving in cost of moving this product of agriculture over good highways instead of bad, would have built a million miles of good roads, the incalculable waste of bad roads in this country is shown to be of such enormous proportions as to demand immediate reformation and the wisest and best statesmanship.

Great as is the loss to transportation, mercantile, industrial and farming interests, incomparably greater is the loss to women and children and social life, a matter as important as civilization itself. The truth of the declaration of Charles Sumner fifty years ago that "the two greatest forces for the advancement of civilization are the schoolmaster and good roads" is emphasized by the experience of the intervening years and points to the wisdom of a union of the educational, commercial, transportation and industrial interests of all nations in aggressive action for permanent roads and streets.

THE NATIONAL GOOD ROADS ASSOCIATION.
Arthur C. Jackson, President.
Anna M. Grady, Sec. and Treas.

In the confident belief that a general discussion of the road and street problem from every point of view by delegates from our own and foreign countries will prove in the highest degree helpful, we, the undersigned join in this call for an international good roads congress at Chicago Sept. 18 to 23, 1911.

THE NATIONAL GOOD ROADS CONGRESS.
THE ILLINOIS STATE GOOD ROADS ASS'N.
THE CHICAGO GOOD ROADS ASSOCIATION.
CHICAGO ASSOCIATION OF COMMERCE.

The headquarters of the National Good Roads association, the Illinois State Good Roads association and the Chicago Good Roads association are in the Chicago Opera House building, Chicago. Arthur C. Jackson is president of the three associations and Anna M. Grady secretary and treasurer.

CHICAGO STOCK EXCHANGE.

President—Fred D. Countiss, 6 The Rookery.
Secretary—Charles T. Atkinson, 171 Michigan-av.
Location—The Rookery, 215-225 LaSalle street.
Hours—"Calls" at 11 a. m. on stocks and bonds.

ESTABLISHED 1855—

The Oldest Banking House in Chicago—

Greenebaum Sons

at cor. Clark and Randolph-sts. Fifty-six years ago in this city Mr. Elias Greenebaum, who still enjoys good health, father of the members of the banking firm of Greenebaum Sons, founded his investment and Real Estate First Mortgage business. The growth and success of this firm read like the progress and solid development of the great City of Chicago, with which their name is so closely associated throughout the world. Henry Everett Greenebaum, Moses Ernst Greenebaum and James Eugene Greenebaum comprise the banking firm. Already the third generation of Greenebaum Sons, Bankers, have been carefully trained in this business, in fact have grown up in it and have inherited the same conservative and enterprising qualities which have distinguished this house for over half a century. We find here Mr. Walter J. Greenebaum, Manager of the Bond Department; Mr. John Greenebaum, Manager of First Mortgage Investments; both are sons of Mr. Henry Everett Greenebaum. Mr. M. Ernst Greenebaum, Jr., Manager of the Real Estate Department, and Mr. Edgar N. Greenebaum, in the Loan Division, both being sons of Mr. Moses Ernst Greenebaum. Forty clerks assist in the office and a General Banking and Investment Business is transacted. The investment and mortgage business is one of the chief activities of the Greenebaum Sons bank, controlling ample capital to underwrite large issues of safe investment securities. At the same time it maintains a department for loans on improved real estate and building loans on moderate sized residences, flats and business buildings.

The banking departments are similar to those in any well-equipped institution in a metropolitan city and transact a general banking business.

The foreign department is one of the oldest in the west. Well known in all parts of the world, Greenebaum Sons are agents and correspondents of banks and bankers in all five continents. Their letters of credit and drafts are honored in all parts of the civilized world and often serve as a valuable introduction to their holders in cities and towns abroad. They also maintain a foreign collection and legal department in charge of expert foreign attorneys acquainted with the laws and legal requirements of other nations regarding estates, inheritances, claims, collections, foreign securities, etc. Information cheerfully given.

The constant increase in the daily business of their foreign department necessitated recently a reorganization thereof. Mr. Fred Mayer, for many years with this bank, is now Manager of the Foreign Department and has risen to his present position by the merit-service system.

Some of the larger First Mortgage Real Estate Bond Issues for the erection of new first-class buildings recently negotiated by Greenebaum Sons are the Kiper Commercial Building, the great Hearst Building, Alberta Block, Roslyn Apartments, Shire-Cliff Apartments, Knoedler Commercial Buildings, Myers Buildings, Sahlin Corset Mfg. Building, Mathews Bldg., Steele-Wedeles Co.'s Fire Proof Wholesale Grocery Warehouse, Stein, Hirsch & Co.'s Warehouse and Factory, Drexel Square Bldgs.

These First Mortgage Real Estate Bonds were issued in units of $1,000 and $500, bearing 5½% to 6% interest, and were all quickly bought by the large number of investment clients who place their funds through Greenebaum Sons.

CHICAGO TELEPHONE ORDINANCE AND RATES.

Passed by city council Nov. 6, 1907.

The Chicago Telephone company is authorized to operate its telephone wires in the city until Jan. 2, 1929. Its books and records are to be open for examination by the city comptroller and its accounts may be audited for the purpose of verifying the statement of gross receipts, of which 2 per cent is to be paid into the city treasury as compensation for the franchise. The city is to have free telephone service. The city reserves to itself the right to change the rates or tolls from time to time and to modify the rules and regulations. It is provided, however, that such changes shall not be made to continue for a period of more than or of less than five years. The company shall not make any rate agreements or division of territory with any other company. The right to purchase the plant of the company on Jan. 1, 1919, or Jan. 1, 1924, is reserved to the city, the price to be fixed by appraisers. The maximum rates fixed by the ordinance are as follows:

BUSINESS TELEPHONES.

FLAT RATE.

For a single-party line with the right to the unlimited use of the same, $125 a year.

MEASURED RATE.

For a single-party line, including 1,200 outgoing conversations or messages, $80 a year.

For the next 2,400 outgoing messages, or any part thereof, during the year, 3 cents each.

For all outgoing messages in excess of 3,600 during the year, 2 cents each.

Every subscriber who will contract to pay for 7,200 outgoing messages a year at the above rates shall be furnished with a second single-party line without extra charge, and every subscriber shall be furnished with an additional single-party line without extra charge for each 6,000 outgoing messages he will contract to pay for, in addition to the 7,200 during the year at the rate of 2 cents each.

A single-party line or lines, including the right to transmit outgoing messages without limit and without any charge per message, shall be furnished at $1 per day each. Subscribers to single-party lines at this rate shall be deemed subscribers to measured service. Every subscriber to measured service shall also be furnished with as many single-party lines as he may demand at the rate of $6 per quarter for each line.

RESIDENCE TELEPHONES.

For a single-party line, including all outgoing messages, $18 per quarter.

For a two-party line, $14 per quarter.

NICKEL PREPAID SERVICE.

Nickel prepayment service with outgoing messages at 5 cents each, as follows:

One-party line, at a guaranty of 20 cents a day, including four messages.

Two-party line, at a guaranty of 12½ cents a day, including two and a half messages.

Two-party line, for residences only, at a guaranty of 10 cents a day, including two messages.

Four-party line, for residences only, at a guaranty of 5 cents per day, including one message.

PUBLIC TELEPHONE SERVICE.

The charge for a single conversation or message from any telephone in Chicago to any other telephone in the city shall not exceed 5 cents.

NEIGHBORHOOD EXCHANGE SERVICE.

The company may maintain local or neighborhood exchanges and shall establish them wherever the city council may direct. Any subscriber in any such exchange may communicate with any telephone within the city limits outside the neighborhood district, for which a charge of 5 cents may be made for each period of 5 minutes or fraction thereof. The rates per month for local exchange service, including all outgoing messages under yearly contracts, shall not exceed the following:

Line.	Business.	Residence.
One-party	$4.00	$3.00
Two-party	3.00	2.00
Four-party	2.00	1.50

TOLL SERVICE.

The company shall not charge more than 10 cents for each conversation or message up to three minutes (and not more than 5 cents for each additional minute), transmitted from any telephone in Chicago to any other telephone outside the city but within fifteen miles of the present city hall, or within one mile of the city limits and within the state of Illinois.

METERS.

The company shall install in connection with each measured-service line of its subscribers a meter which shall prove effective in actual use for accurately recording the number of outgoing messages over the line.

GROWTH OF CHICAGO IN AREA.

Date.	Added. Sq. mi.	Total. Sq. mi.
Feb. 11, 1835 (original town)	.....	2.550
March 4, 1837 (city incorporated)	8.085	10.635
Feb. 16, 1847	3.375	14.010
Feb. 12, 1853	3.988	17.998
Feb. 13, 1863	6.284	24.282
Feb. 27, 1869	11.380	35.662
May 16, 1887	1.000	36.662
April 29, 1889	7.150	43.812
June 29, 1889	126.070	169.882
April 1, 1890	1.773	171.655
May 12, 1890	2.899	174.554
Nov. 4, 1890	4.603	179.157
April 7, 1891	.981	180.138
April 4, 1893	3.875	184.013
Nov. 7, 1893	2.125	186.138
Feb. 25, 1895	1.000	187.138
April 4, 1899	3.500	190.638
Nov. 8, 1910	.750	191.388

The original town of Chicago in 1835 extended from Chicago avenue on the north to 12th street on the south and from Halsted street on the west to Lake Michigan on the east. When the city was incorporated in 1837 the city limits were as follows: From Lake Michigan west along Center street to North Clark street, south to North avenue, west to Wood street, south to 22d street and east to the lake. The largest addition to the area of the city was made in 1889, when Lake View, Jefferson, Hyde Park and Lake were annexed. Edison Park was annexed Nov. 8, 1910.

CITY CLERKS SINCE 1837.

I. N. Arnold	1837	
George Davis	1837-1838	
William H. Brackett	1839	
Thomas Hoyne	1840-1841	
James M. Lowe	1843	
E. A. Rucker	1844-1845	
William S. Brown	1845	
Henry B. Clarke	1846-1847	
Sidney Abell	1848-1850	
H. W. Zimmerman	1851-56, 1863-64	
H. Kreisman	1857-1859	
Abraham Kohn	1860	
A. J. Marble	1861-1862	
Albert H. Bodman	1865-1869	
Charles T. Hotchkiss	1869-1873	
Joseph K. C. Forrest	1873-1875	
Caspar Butz	1876-1878	
P. J. Howard	1879-1883	
J. G. Neumeister	1883-1885	
C. Herman Plautz	1885-1887	
D. W. Nickerson	1887-1889	
Franz Amberg	1889-1891	
James R. B. Van Cleave	1891-1893, 1895-1897	
Charles D. Gastfield	1893-1895	
William Loeffler	1897-1903	
Fred C. Bender	1903-1905	
A. C. Anson	1905-1907	
John R. McCabe	1907-1909	
F. D. Connery	1909-	

S. B. Chapin & Co.

BANKERS
AND
BROKERS

MEMBERS
New York Stock Exchange
New York Cotton Exchange
New York Coffee Exchange
Chicago Stock Exchange
Chicago Board of Trade

Rookery Building, Chicago
Congress Hotel, Chicago
Trinity Building, New York

Lackner & Butz, Sons
MORTGAGES

Bank Floor — 107 Washington Street
CHICAGO

OUR firm, and its predecessor, has been in the mortgage business in Chicago continuously for the last twenty-five years. During that time we have made and sold millions of dollars' worth of first mortgage loans to the entire satisfaction of our clients. We invite new investment accounts on the strength of the experience thus gained and on our established record for conservatism and fair dealing.

CHICAGO STREET-RAILWAY ACCOUNTS AND STATISTICS.

COMBINED BALANCE SHEET.

The combined balance sheet of the Chicago Railways company, the Chicago City Railway company, the Calumet & South Chicago Railway company and the Southern Street Railway company, Jan. 31, 1910, was as follows:

ASSETS.

Value of properties—Value as stated by traction valuation commissions June 30, 1906; Feb. 1, 1908; Aug. 1, 1908	$55,775,000.00
Certificates issued by board of supervising engineers	42,754,977.96
Current assets	3,523,176.68
Total	102,053,154.64

LIABILITIES.

Capital—Representing purchase price of the properties	98,529,977.96
Reserve for damages	1,231,888.79
City of Chicago's proportion of profits, less taxes and licenses paid in advance	1,274,916.65
Companies' proportion of profits	1,016,371.24
Total	102,053,154.64

COMBINED INCOME ACCOUNTS.

For the year ended Jan. 31, 1910.

Receipts—Passenger cars	$22,125,872.48
Chartered cars	8,716.94
Mail cars	69,805.41
Newspaper cars	3,555.75
Advertising	174,539.66
Rent of land and buildings	29,687.05
Rent of tracks	1,070.00
Rent of equipment	32,656.29
Sale of power	225,662.72
Interest on deposits (net)	67,017.73
Miscellaneous	94,298.61
Gross receipts	22,832,882.64
Expenses—Maintenance of way and structures	1,151,307.39
Maintenance of equipment	1,216,994.22
Renewals	468,392.20
Operation of power plants	2,496,077.13
Operation of cars	6,701,433.31
General expenses	2,741,169.08
Exp. account investment real estate	62,867.58
Taxes	1,144,776.93
Total operating expenses	15,983,017.84
	6,849,864.80
*Deduct prop'n due Southern St. Ry. Co.	124,432.46
Net receipts from operation	6,725,432.34
Deduct int. on capital invested at 5%	4,432,808.45
Net receipts	2,292,623.89
Divisible thus:	
City of Chicago	1,276,252.65
Companies	1,016,371.24

*For the purpose of accounting between the Chicago City Railway company and the Southern Street Railway company, the receipts and expenses of these two companies are combined in accordance with the ordinance.

CHICAGO CITY RAILWAY COMPANY.

BALANCE SHEET.

Appraised value June 30, 1906	$31,000,000.00
Certificates issued	17,507,294.18
Current assets	1,680,098.76
Total assets	40,187,392.94
Capital	38,507,294.18
Reserve for damages	817,665.63
City of Chicago profits	473,942.22
Company's profits	388,490.91
Total liabilities	40,187,392.94

JOINT INCOME ACCOUNT.*

Receipts—Passenger cars	9,150,479.56
Chartered cars	2,611.13
Mail cars	22,884.41
Newspaper cars	2,400.00
Mail carriers	10,377.56
Advertising	106,463.18
Rent of land and buildings	2,265.43
Rent of tracks	1,070.00
Rent of cars	2,153.67
Sale of power	175,190.39
Miscellaneous	5,547.96
Interest on deposits	27,379.56
Gross receipts	9,508,822.85
Expenses—Maintenance of way and structures	350,817.67
Maintenance of equipment	440,389.53
Renewals	465,978.95
Operation of power plants and purchased power	1,026,911.00
Operation of cars	2,594,703.45
General expenses	1,252,375.39
Taxes	525,000.00
Total operating expenses	6,656,175.99
	2,852,646.86
Deduct proportion due So. St. Ry. Co.	124,432.46
Net receipts from operation	2,728,214.40
Deduct interest on cap'l invested at 5%	1,864,901.27
Net receipts	863,313.13
Divisible thus:	
City of Chicago, 55%	474,822.22
Railway company, 45%	388,490.91

*Includes Southern Street railway.

OPERATING STATISTICS.

Miles of track owned (single)	250.77
Miles of track operated (single)	264.46
Gross earnings	$9,508,822.85
Wages paid to employes	$3,479,393.16
Average number employes	5,632
Total passengers carried	312,864,537
Cash passengers	183,585,222
Transfer and other passengers	129,279,315

CHICAGO RAILWAYS COMPANY.

BALANCE SHEET.

Appraised value June 30, 1906	$29,000,000.00
Certificates issued	22,851,308.97
Current assets	1,857,651.27
Total assets	53,708,960.24
Capital	51,851,308.97
Reserve for damages	400,961.04
City of Chicago profits	800,974.43
Company's profits	655,715.80
Total liabilities	53,708,960.24

INCOME ACCOUNT.

Receipts—Passenger cars	12,155,017.47
Chartered cars	4,727.50
Mail cars	35,556.09
Advertising	63,000.00
Rent of land and buildings	13,262.08
Rent of cars	27,182.25
Sale of power	19,922.09
Miscellaneous	87,175.34
Interest on deposits	37,039.50
Gross receipts	12,442,882.32
Expenses—Maintenance of way and structures	764,298.25
Maintenance of equipment	762,861.77
Renewals	*37,638.52
Operation of power plants and purchase power	1,326,918.67
Operation of cars	3,824,995.10
General expenses	1,393,537.84
Exp. account investment real estate	62,867.58
Taxes	612,176.93
Total operating expenses	8,710,017.62
	3,732,864.70
Deduct int. on capital invested at 5%	2,275,718.47
Net receipts	1,457,146.23
Divisible thus:	
City of Chicago, 55%	801,430.43
Railway company, 45%	655,715.80

*Credit.

OPERATING STATISTICS.

Miles of track owned (single)	317.34
Miles of track operated (single)	308.47
Gross earnings	$12,442,882.32
Wages paid to employes	5,058,148.34
Average number of employes	8,116
Total passengers carried	427,138,380
Cash passengers	245,510,655
Transfer and other passengers	181,627,725

Geo. H. Burr & Co.

BANKERS

COMMERCIAL PAPER

HIGH-GRADE INVESTMENT SECURITIES

217 LA SALLE STREET

CHICAGO

NEW YORK BOSTON ST. LOUIS

PHILADELPHIA KANSAS CITY

SAN FRANCISCO

CALUMET & SOUTH CHICAGO RAILWAY COMPANY.

BALANCE SHEET.

Appraised value Feb. 1, 1908	$5,000,000.00
Certificates issued	1,931,278.82
Current assets	41,097.59
Total assets	6,972,376.41
Capital	6,931,278.82
Reserve for damages	13,262.12
Liability for deficit	27,835.47
Total liabilities	6,972,376.41

INCOME ACCOUNT.

Receipts—Passenger cars	820,375.45
Chartered cars	1,378.31
Newspaper cars	1,155.75
Mail carriers	987.35
Advertising	5,076.48
Rent of land and buildings	14,159.54
Rent of cars	3,320.37
Sale of power	30,550.24
Miscellaneous	1,575.31
Interest on deposits	2,598.67
Gross receipts	881,177.47
Expenses—Maintenance of way and structures	36,191.47
Maintenance of equipment	13,742.92
Renewals	40,051.77
Operation of power plants and purchase power	142,247.46
Operation of cars	281,734.76
General expenses	95,255.85
Taxes	7,600.00
Total operating expenses	616,824.23
Net receipts from operation	264,353.24
Deduct int. on capital invested at 5%	292,188.71
Net receipts (deficit)	27,835.47

OPERATING STATISTICS.

Miles of track owned (single)	96.39
Miles of track operated (single)	93.27
Gross earnings	$881,177.47
Wages paid to employes	$437,282.97
Average number of employes	429
Total passengers carried	23,804,926
Cash passengers	16,466,243
Transfer and other passengers	7,338,683

OTHER STATISTICS.

GROSS EARNINGS BY YEARS.*		CITY'S SHARE OF RECEIPTS.	
1908	$18,823,094.31	1908	$1,564,618.47
1909	19,580,351.74	1909	1,386,877.96
1910	22,832,882.64	1910	1,276,252.65

*Years ending Jan. 31.

CHICAGO THEATERS.

Seating capacity given in parentheses.

Academy (1,467)—16 South Halsted street.
Alhambra (1,461)—State street and Archer avenue.
American (1,200)—Wabash avenue and Peck court.
Archer (800)—3510 Archer avenue.
Auditorium (3,747)—Congress-st. and Wabash-av.
Bijou (1,238)—300 South Halsted street.
Blackstone (1,200*)—Hubbard-ct., near Michigan-av.
Bush Temple (845)—110 West Chicago avenue.
Calumet (856)—9206 South Chicago avenue.
Chicago Gaiety (1,200*)—Clark-st., near Madison-st.
Chicago Opera House (1,347)—118 Washington street.
Clark (670)—4533 North Clark street.
Coliseum (15,000)—Wabash avenue, near 16th street.
College (1,325)—Webster and Sheffield avenues.
Colonial (1,447)—79 Randolph street.
Columbus (1,324)—1840 Wabash avenue.
Cort (962)—Dearborn street, near Randolph.
Criterion (1,233)—1226 Sedgwick street.
Crown (1,458)—Ashland avenue and Division street.
Empire (1,332)—673 West Madison street.
Euson (1,217)—403 North Clark street.
Folly (976)—337 State street.
Garrick (1,257)—107 Randolph street.
Globe (1,390)—401 Wabash avenue.
Grand Opera House (1,379)—87 Clark street.
Hamlin (1,215)—3826 West Madison street.
Haymarket (1,800)—722 West Madison street.
Hegewisch Opera House (330)—13305 Erie avenue.
Howard (758)—3175 Lincoln avenue.
Hyde Park (634)—5500 Lake avenue.
Illinois (1,282)—20 Jackson boulevard.
Julian (799)—920 Belmont avenue.
LaSalle (767)—137 Madison street.
Lyceum (476)—3851 Cottage Grove avenue.
Lydia (543)—317 North 48th avenue.
Lyric (1,350)—20 Quincy street.
Lyric (560)—115th street and Michigan avenue.
Majestic (1986)—71 Monroe street.
Marlowe (1,139)—Stewart avenue and W. 63d street.
McVicker's (1,868)—78 Madison street.
National (1,400)—6235 South Halsted street.
North Avenue (1,300)—316 West North avenue.
Olympic (1,760)—53 Clark street.
Orchestra Hall (2,556)—165 Michigan avenue.
Orpheum (670)—174 State street.
Palace (1,433)—1135 Blue Island avenue.
Pekin (739)—2700 State street.
People's (964)—Van Buren and Leavitt streets.
Powers' (1,106)—149 Randolph street.
President (700)—55th street, near Calumet avenue.
Princess (934)—253-263 Clark street.
Roseland (496)—11307 Michigan avenue.
Star (1,500)—1455 Milwaukee avenue.
Star and Garter (1,897)—815-817 West Madison-st.
Studebaker (1,330)—203 Michigan avenue.
Swanson (500)—3863 Cottage Grove avenue.
Thalia (800)—1215 West 18th street.
Thirty-First Street (737)—77 31st street.
Trevett (900)—Cottage Grove-av. and 63d-st.
Virginia (800)—Halsted and West Madison streets.
Whitney (708)—17 Van Buren street.
Willard (1,177)—340 East 51st street.
Wilson (1,000)—Wilson and Evanston avenues.

Nov. 6, 1910, there were 495 5 and 10 cent theaters in Chicago.

*Estimated.

ANTISALOON CAMPAIGN IN CHICAGO.

Prohibitionists and others opposed to the liquor traffic made an effort to have placed upon the ballots at the election of April 5, 1910, in Chicago, the proposition, "Shall this city become antisaloon territory?" In accordance with the act of 1907 a petition for this purpose was circulated and 74,026 names having been secured the document was filed with the election commissioners Feb. 4. Objections were filed March 18 at the instance of the United Societies by twenty-one legal voters and taxpayers setting forth that more than 35,000 of the alleged signatures were illegal because they were not those of duly registered legal voters. March 25 the board of election commissioners announced that the objections were sustained. It held:

1. That no signature on the petition was valid if signed by any one who was not properly registered at the time he signed. Names of persons who had moved since the registration of the spring of 1909 were thus eliminated, although they had had no opportunity to reregister.

2. As a corollary to this ruling it was held that the petition was lacking in the law's requirements of 63,511 names. The shortage was given as 15,613, even if every doubtful name was counted for the petition. Out of the 74,026 names on the petition, only 44,278 were held to be unquestioned.

"In the opinion of the board 26,128 signatures are not those of duly registered legal voters, and consequently cannot be considered valid or counted under the law. Therefore, deducting said number from 74,026 leaves upon the petition 47,898 signatures, which is 15,613 less than 25 per cent of the legal voters, or the required number. This total of 15,613 gives the 'dry' petition the benefit of 3,620 doubtful signatures.

"The number of valid signatures upon the petition being less than the number required by law, this board is without jurisdiction to submit the question at the coming election, and the objections will be sustained."

TELEPHONE HARRISON 7375

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240 LA SALLE STREET
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New York Stock Exchange
Chicago Stock Exchange
Chicago Board of Trade

CHICAGO

WE SOLICIT INVESTMENT BUSINESS

DO you live on the Northwest side? Is your business on the Northwest side? If so, why not do your banking at a Northwest-side bank?

The North-Western Trust & Savings Bank

1152-54 Milwaukee Avenue, near Division Street,

Offers Every Banking Facility.

Under State and Clearing House Supervision.

Capital and Surplus $250,000.00. Pays 3% on Savings.

First Real Estate Gold Mortgages, netting from 5% to 6%, always on hand for investors.

Safe Deposit Boxes $3 per year and up.

ASSESSMENT OF TAXABLE PROPERTY IN CHICAGO.

The following is a statement of the valuation of taxable real estate and personal property and the amount of taxes levied each year, from 1838 to 1910, inclusive:

YEAR.	Real estate.	Personal property.	Total valuation.	Tax levy.
1838	$235,996	.....	$235,996	$8,849.86
1839	94,803	.....	94,803	4,664.55
1840	94,437	.....	94,437	4,721.85
1841	127,024	$39,720	166,744	10,004.67
1842	108,757	42,585	151,342	9,181.27
1843	962,221	479,093	1,441,314	8,647.89
1844	1,992,085	771,186	2,763,281	17,166.24
1845	2,273,171	791,851	3,065,022	11,077.58
1846	3,664,425	857,231	4,521,656	15,825.80
1847	4,995,466	853,704	5,849,170	18,159.01
1848	4,988,266	1,302,174	6,300,440	22,051.54
1849	5,181,657	1,495,047	6,676,684	30,045.09
1850	5,685,965	1,534,284	7,220,249	25,270.87
1851	6,804,262	1,758,455	8,562,717	68,385.87
1852	8,190,769	2,270,645	10,463,414	76,948.96
1853	13,130,677	3,711,154	16,841,831	135,662.68
1854	18,990,744	5,401,495	24,392,239	199,081.64
1855	21,637,500	5,355,393	26,992,893	206,209.03
1856	25,892,308	5,843,776	31,736,084	396,652.39
1857	29,307,628	7,027,653	36,335,281	572,046.00
1858	30,175,325	5,816,407	35,991,732	430,190.00
1859	30,732,313	5,821,067	36,553,380	513,164.00
1860	31,198,135	5,855,377	37,053,512	373,315.29
1861	31,314,749	5,037,631	36,352,380	559,968.00
1862	31,587,545	5,552,300	37,139,845	564,033.06
1863	35,143,252	7,524,072	42,667,324	853,346.00
1864	37,148,023	11,584,759	48,732,782	974,655.64
1865	44,065,499	20,644,678	64,710,177	1,294,183.50
1866	66,495,116	29,458,134	85,953,250	1,719,064.05
1867	141,445,920	53,580,924	195,026,844	2,518,472.00
1868	174,490,660	55,756,340	230,247,000	3,223,457.80
1869	211,371,240	54,653,640	266,024,880	3,990,373.20
1870	223,643,600	52,342,950	275,986,550	4,139,798.70
1871	236,898,650	52,847,820	289,746,470	2,897,464.70
1872	239,154,890	45 042,540	284,197,430	4,462,961.45
1873	262,969,820	49,103,175	312,072,995	5,617,313.91
1874	258,519,310	45,155,830	303,705,140	5,466,692.54
1875	$125,468,605	$48,295,641	$173,764,246	$5,108,981 40
1876	138,832,403	39,165,754	167,998,157	4,046,805.80
1877	116,082,533	32,317,615	148,400,148	4,013,410.44
1878	104,420,053	27,563,386	131,983,439	3,777,757.23
1879	91,152,229	26,517,806	117,970,035	3,776,450.79
1880	89,032,038	28,101,688	117,133,726	3,899,126.98
1881	90,099,045	29,053,743	119,152,288	4,136,608.38
1882	95,881,714	29,479,022	125,360,736	4,227,402.98
1883	101,596,795	31,616,893	133,213,688	4,540,506.13
1884	105,606,743	31,720,237	137,326,980	4,872,456.60
1885	107,146,881	32,811,411	139,958,292	5,152,366.03
1886	122,980,125	35,516,009	158,496,132	5,368,409.76
1887	123,169,455	38,035,(80)	161,204,535	5,692,712.56
1888	123,229,358	37,349,365	160,641,723	5,723,087.25
1889	127,372,618	40,763,213	168,135,831	6,326,561.21
1890	170,553,854	48,800,514	219,354,368	9,558,335.00
1891	203,353,791	53,245,783	256,599,574	10,453,270.41
1892	190,614,636	53,117,502	243,732,138	12,142,448.75
1893	189,299,120	56,491,231	245,790,351	11,810,969.69
1894	190,960,897	56,461,825	247,422,722	11,779,568.12
1895	192,498,842	50,977,983	243,476,825	14,239,685.13
1896	195,684,875	48,672,411	244,357,286	12,290,145.21
1897	184,632,905	47,398,755	232,026,660	12,989,333.10
1898	178,801,172	42,165,275	220,966,447	12,185,786.82
1899	260,265,058	84,931,361	345,196,419	12,733,770 53
1900	202,884,012	73,681,868	276,565,880	18,384,195.36
1901	259,254,596	115,325 842	374,580,440	18,404,142.00
1902	276,509,730	125,985,401	402,495,131	10,268,596.16
1903	289,371,249	122,053,031	411,424,280	14,039,030.00
1904	291,329,703	111,951,487	403,281,190	25,990,045.10
1905	295,514,443	112,477,182	407,991,625	27,959,908.43
1906	303,033,228	123,230,068	426,263,296	28,451,436.78
1907	346,843,590	131,078,386	477,921,976	35,131,871.07
1908	344,499,927	132,690,472	477,190,399	35,320,354.20
1909	586,253,655	212,574,401	833,150,897	35,399,489.15
1910	603,022,875	245,971,661	848,994,536	

The valuation since 1875 is the equalized valuation fixed by the state board of equalization. From 1867 to 1875 the valuation was made by the city for the city tax. From 1898 to 1908, inclusive, the assessed value was one-fifth of the actual value. In 1909 the rate was fixed at one-third. The amounts in the personal property column include the railroad valuation. The separate figures in 1910 were: Personal property, $208,607,727; railroads, $37,363,934.

TAXING BODIES IN CHICAGO.

1. STATE TAX—For state purposes. The governor, auditor and treasurer constitute the board which ascertains the rate per cent required to produce the amount of taxes levied by the general assembly. The "state school tax" is levied in the same manner.
2. COUNTY TAX—The county board levies the taxes for all county purposes.
3. CITY TAX—The city council, acting with the mayor, levies the taxes for all city purposes.
4. SCHOOL TAX—The city council and the mayor make a separate levy for this purpose.
5. LIBRARY TAX—The city council and the mayor make a separate levy for this purpose.
6. SANITARY DISTRICT—The tax is levied by the board of trustees.
7. SOUTH PARK SYSTEM—The south park commissioners levy for park purposes in the towns of South Chicago, Hyde Park and Lake.
8. WEST PARK SYSTEM—The West Chicago park commissioners levy for park purposes in the town of West Chicago.
9. LINCOLN PARK—The Lincoln park commissioners are not "corporate authorities," the Lincoln park act not having been adopted by popular vote. The levy for Lincoln park is made by the county treasurer, acting as ex officio supervisor.
10. RIDGE PARK—A small park district in Rogers Park, organized under the law providing for local park districts by popular vote. The board of five commissioners levies for the district.
11. THE NORTH SHORE PARK DISTRICT—Organized the same as Ridge Park.

By an act of the legislature approved May 11, 1901, and by the vote of the people at the spring election in 1902 the townships lying within the limits of Chicago were consolidated and the powers of the town boards transferred to the city council. This reduced the taxing boards in Chicago from eighteen to eleven as above.

ASSESSMENT OF TAXABLE PROPERTY IN COOK COUNTY.

Includes equalized valuation of railroads and capital stock of corporations.

1900	$306,957,900	1906	$461,813,707
1901	408,189,960	1907	514,757,122
1902	433,489,922	1908	514,730,532
1903	445,028,259	1909	897,212,850
1904	437,850,426	1910	915,895,947
1905	441,990,246		

The above figures are one-fifth of the actual valuation down to and including 1908. The rate was changed to one-third in 1909.

COOK COUNTY TAX RATE FOR 1910.

Town	State	County	City	School	Sanit'y	Park	Town	Total
West Chicago	.30	.53	1.41	1.55	.34	.77	...	*5.00
South Chicago	.30	.53	1.41	1.55	.34	.51	...	4.64
North Chicago	.30	.53	1.41	1.55	.34	.54	.13	†4.96
Hyde Park	.30	.53	1.41	1.55	.34	.51	...	4.64
Lake	.30	.53	1.41	1.55	.34	.51	...	4.64
Lake View	.30	.53	1.41	1.55	.34	.76	.12	5.01
Jefferson	.30	.53	1.41	1.55	.34	...	...	4.13

*Includes .05 for parks and boulevards. †Includes .08 for lake shore protection.

Note—The above rates apply to the $100 assessed valuation, which is one-third of the full value.

NATIONAL WOMEN'S TRADE UNION LEAGUE.

President—Mrs. Raymond Robins, Chicago.
Vice-Presidents—Mrs. Mary K. O'Sullivan, Boston; Miss Melinda Scott, New York.
Secretary-Treasurer—Mrs. D. W. Knefler, 5273 McPherson avenue, St. Louis, Mo.
Headquarters—Room 507, 275 LaSalle street, Chicago.

ALFRED L. BAKER & CO.

BANKERS
AND
BROKERS

MEMBERS

NEW YORK STOCK EXCHANGE CHICAGO STOCK EXCHANGE
CHICAGO BOARD OF TRADE

209 LA SALLE STREET

L. J. LAMSON W. A. LAMSON L. F. GATES

LAMSON BROS. & CO.

ESTABLISHED 1874

COMMISSION MERCHANTS

GRAIN STOCKS COTTON PROVISIONS

CONSIGNMENTS OF GRAIN SOLICITED
for the markets at
CHICAGO, PEORIA, ST. LOUIS, MILWAUKEE, OMAHA

Leased Wires to Nebraska, Iowa,
Illinois, Indiana and Eastern Points.

Home Office: 6 BOARD OF TRADE, CHICAGO

CHICAGO'S LAKE TRADE.

ARRIVALS AND CLEARANCES OF VESSELS.*

Year.	—Arrivals.— No.	Tons.	—Clearances.— No.	Tons.
1870	12,739	3,049,265	12,433	2,983,942
1871	12,320	3,096,101	12,312	3,082,235
1872	12,824	3,059,752	12,531	3,017,790
1873	11,858	3,225,911	11,876	3,338,803
1874	10,827	3,195,633	10,720	3,134,078
1875	10,488	3,122,004	10,607	3,157,051
1876	9,621	3,089,072	9,628	3,078,264
1877	10,233	3,274,332	10,284	3,311,083
1878	10,490	3,608,534	10,494	3,631,139
1879	11,859	3,887,095	12,014	3,870,300
1880	13,218	4,616,969	13,302	4,537,382
1881	13,043	4,533,558	12,957	4,228,689
1882	13,351	4,849,950	13,626	4,904,999
1883	11,967	3,812,464	12,015	3,980,873
1884	11,354	3,756,973	11,472	3,751,723
1885	10,744	3,653,936	10,798	3,652,286
1886	11,157	3,926,318	11,215	3,950,762
1887	11,950	4,328,292	12,023	4,421,560
1888	10,989	4,393,768	11,106	4,496,898
1889	10,804	5,102,790	10,984	5,155,041
1890	10,507	5,138,253	10,547	5,150,665
1891	10,224	5,524,852	10,294	5,506,700
1892	10,556	5,966,626	10,567	5,698,337
1893	8,754	5,456,637	8,789	5,449,470
1894	8,269	5,181,260	8,329	5,211,160
1895	9,212	6,329,702	9,363	6,392,497
1896	8,663	6,481,152	8,773	6,591,203
1897	9,156	7,209,442	9,201	7,185,324
1898	9,428	7,557,215	9,562	7,686,448
1899	8,346	6,353,715	8,429	6,390,260
1900	8,714	7,044,995	8,839	7,141,105
1901	8,430	6,900,999	8,471	6,930,883
1902	8,083	7,179,053	8,164	7,229,342
1903	7,650	7,587,410	7,721	7,720,225
1904	6,631	6,430,088	6,671	6,514,934
1905	7,236	7,364,192	7,268	7,375,963
1906	7,017	7,969,621	7,055	7,665,709
1907	6,745	8,057,062	6,736	7,995,211
1908	5,787	7,241,845	5,805	7,296,745
1909	6,390	8,772,667	6,390	8,785,841

*Includes also South Chicago, Michigan City and Waukegan.

TONNAGE OF THE CHICAGO DISTRICT, 1909.

Port.	—Arrivals.— No.	Tonnage.	—Clearances.— No.	Tonnage.
Chicago	6,001	7,672,035	6,001	7,688,562
Michigan City	23	8,146	34	11,254
Waukegan	101	91,687	91	75,941
Gary	250	1,000,799	264	1,010,084
Totals	6,390	8,772,667	6,390	8,785,841

RECEIPTS BY LAKE IN 1909.

Coal, hard, tons	790,759	Copper, tons	4,451
Coal, soft, tons	449,527	Sugar, tons	81,481
Salt, tons	242,634	Green fruits, packages	4,750,540
Iron ore, tons*	4,687,885	Wheat, bushels	5,555,446
Iron, manufactured, tons	76,955	Barley, bushels	41,000
Cement, tons	16,490	Oats, bushels	6,000
Lumber, M	384,822	Mdse., unclassified, tons	709,951
Shingles, M	16,143		
Lath, M	5,363		
Posts, pieces	409,178		
Railroad ties, pieces	920,735		
Telegraph poles, pieces	54,511		
Wood, cords	4,215		

*Exclusive of 1,878,851 tons received at Gary, Ind.

SHIPMENTS BY LAKE IN 1909.

Flour, barrels	3,065,669	Oats, bushels	4,741,000
Wheat, bushels	9,247,517	Rye, bushels	45,000
Corn, bushels	26,734,776	Barley, bushels	216,000
		Grass seeds, tons	3,347
		Millstuffs, tons	204,072
		Oil cake, tons	2,930
		Broom corn, bales	5,247
		Lard, tierces	3,828
		Tallow, tierces	2,071
		Pork, cured meats, brls.	3,091
		Wool and hair, sacks	51,367
		Oil, barrels	150,283
		Iron, manufactured, tons	56,910
		Mdse., unclassified, tons	399,784

IMPORTS OF MERCHANDISE INTO CHICAGO.

Value of imported merchandise entered for consumption and withdrawals from warehouse, with the amount of duties collected thereon, in 1909:

Articles.	Value.	Duty.
American whisky returned	$29,459	$23,043.17
Articles free of duty	2,650,674	.....
Ale, beer and porter	127,465	59,457.64
Art works	109,821	19,316.00
Automobiles	69,875	31,443.75
Books, music, etc	106,957	26,739.25
Breadstuffs, macaroni, biscuits	239,770	66,075.42
Brushes	132,385	52,954.00
Champagne	483,473	179,139.18
Cheese	365,497	134,741.54
Chemicals, drugs, etc	945,478	209,328.79
China, glassware	983,342	562,018.27
Cigars and cigarettes	136,915	112,187.99
Clocks, watches	424,318	110,135.20
Cocoa, chocolate	140,906	27,112.19
Cutlery	33,592	19,245.03
Diamonds, precious stones	371,235	37,247.31
Dry goods	7,384,683	4,035,208.66
Fish, all kinds	769,008	155,472.54
Fruits and nuts	677,165	254,988.96
Furs and manufactures of	102,304	34,911.67
Guns and firearms	16,665	7,489.37
Hops	28,061	18,991.54
Iron and steel and mfrs. of	334,095	123,656.09
Iron and steel wire	57,837	23,010.06
Jewelry	58,724	37,234.11
Lead in ore and base bullion	40,871	47,457.79
Leather, mfrs. of, gloves	882,745	439,167.43
Leather, mfrs. of, all other	76,303	19,864.75
Maple sugar	71,305	38,863.95
Matting of straw, etc	151,676	63,793.96
Metals and mfrs. of	272,973	120,891.62
Millinery goods	706,654	337,072.40
Musical instruments	215,760	97,092.00
Oils	276,235	93,903.75
Paints	55,760	16,108.66
Paper and manufactures of	456,717	115,977.53
Pickles and sauces	139,681	30,024.94
Plate and window glass	64,217	37,097.43
Rice and rice flour	8,287	1,821.62
Rubber and manufactures of	37,647	11,522.91
Salt	62,730	16,311.43
Seeds, plants and bulbs	215,598	53,584.40
Smokers' articles	25,444	15,269.20
Spices, ground	14,457	4,484.70
Spirits, etc	801,771	877,479.30
Stone, marble, manufactures of	7,934	3,940.34
Tea	889,944	.....
Tobacco, leaf	1,269,442	855,979.40
Toys and dolls	280,978	98,342.30
Varnish	11,614	9,521.50
Wines, still	343,146	149,655.30
Wood, mfrs. of, lumber	896,883	91,636.56
Wood, mfrs. of, all other	55,179	19,443.66
Miscellaneous articles	430,666	124,178.95
Total, 1909	25,542,321	10,160,635.51
Total, 1908	22,803,087	8,502,492.29
Total, 1907	26,528,028	10,435,564.74
Total, 1906	24,141,004	10,005,952.35
Total, 1905	22,138,080	9,119,971.88

CHICAGO WARDS AND ALDERMEN.

Number of, since 1837.

Year.	Wards.	Aldermen.
1837-1838	6	10
1839-1846	6	12
1847-1856	9	18
1857-1862	10	20
1863-1869	16	32
1869-1875	20	40
1876*-1888	18	36
1888-1889	24	48
1889-1901	34	68
1901-1910	35	70

*Under the general incorporation act of 1875 Chicago was divided into eighteen wards.

ESTABLISHED HALF A CENTURY

Graham & Sons

BANKERS

659-661 W. MADISON STREET

STEAMSHIP AND INSURANCE AGENTS

SAVINGS DEPARTMENT OPEN EVENINGS

SAFETY DEPOSIT VAULTS TO RENT

BABCOCK, RUSHTON & COMPANY

STOCKS AND BONDS

INVESTMENT SECURITIES

MEMBERS

New York Stock Exchange
Chicago Stock Exchange
Chicago Board of Trade

"THE ROOKERY," CHICAGO

7 WALL STREET, NEW YORK

SANITARY DISTRICT OF CHICAGO.

Offices in American Trust and Savings Bank bldg.
President—Thomas A. Smyth, D.
Clerk—I. J. Bryan.
Treasurer—Charles L. Hutchinson.
Chief Engineer—George M. Wisner.
Attorney—John C. Williams.
Marshal—E. E. Ertsman.
Board of Trustees—Terms expire in 1912: Edward I. Williams, R.; Thomas J. Healy, R.; Adolph Bergman, R. Terms expire in 1914: Wallace G. Clark, R.; George W. Paullin, R.; Paul A. Hazard, R. Terms expire in 1916: Thomas A. Smyth, D.; Thomas M. Sullivan, D.; Edward Kane, D.

CHRONOLOGY.

First investigation made in 1885.
Sanitary bill signed May 29, 1889.
Sanitary district organized Jan. 18, 1890.
Earth broken ("shovel day") Sept. 3, 1892.
La e water turned into canal Jan. 2, 1900.
Formal opening of canal Jan. 17, 1900.

DIMENSIONS OF CANAL.

Length of main and water power channel, 39.16 miles.
Length of river, lake to Robey street, 6 miles.
Length river diversion channel, 13 miles.
Width main channel, Robey street to Summit: Bottom, 110 feet; top, 198.
Width main channel, Summit to Willow Springs: Bottom, 202 feet; top, 290.
Width main channel, Willow Springs to Lockport (rock section): Bottom, 160 feet; top, 162.
Width river diversion channel: Bottom, 200 feet.
Minimum depth of water in main channel, 22 feet.
Current in earth sections, 1¼ miles per hour.
Current in rock sections, 1.9 miles per hour.
Present capacity of canal, 300,000 cubic feet per minute.
Total amount of excavation, 42,229,635 cubic yards.

The north shore channel, extending from Lawrence avenue to Lake Michigan, in the village of Wilmette, is now being constructed. It is to be about 8 miles long with a water depth of 13.6 feet. The construction of the Sag canal to drain the Calumet region was begun in the fall of 1910. When completed it will be 22 miles long.

NET RECEIPTS AND DISBURSEMENTS.

From organization to Dec. 31, 1909.

RECEIPTS.

Taxes collected	$43,346,759.36
Bond account	18,574,000.00
Interest on bank balances	419,615.42
Bills payable (borrowed from banks)	300,000.03
Dock and land rental account	120,508.22
Electrical department, interest account	17,379.47
Tax levy, 1896 (warrants outstanding)	1,932.04
Hugh Young	32.72
Total	62,780,227.23

EXPENDITURES.

Right of way	$9,464,116.84
River diversion construction	1,019,244.27
Bridge construction, river diversion	142,486.20
Main channel construction	19,356,445.64
Bridge construction, main channel	2,312,733.70
Controlling works, Lockport	331,253.65
Bridge construction, controlling works	7,873.35
Joliet project	1,308,251.12
Bridge construction, Joliet project	274,486.76
I. & M. canal improvement, Bridgeport	77,016.08
Chicago river, dredging, docking, etc	2,286,121.96
Bridge construction, Chicago river	3,003,176.08
Thirty-Ninth street pumping station	353,981.48
Wilmette pumping station	8,888.32
Calumet-Sag channel construction	443,848.94
North shore channel construction	512,310.46
Bridge construction, north shore channel	305,290.92
Lowering LaGrange & Kampsville dams	21,033.08
Raising roadway of Brandon's bridge	5,890.53
Water-power devpmt. at Hickory creek	6,570.70
Warehouses Nos. 1 and 2 on Western-av.	22,479.45
Electrical department	3,883,689.09
Capitalization & maintenance of bridges	403,354.60
Bridgeport pumping works	90,388.80
Maintenance of highway bridges	26,890.21
Maintenance account	240,977.93
Interest on bonds	9,762,819.60
Interest on tax warrants	468,453.69
Discount and interest on loans	18,004.68
Taxes on land, Cook county	87,806.18
Taxes on land, Will county	64,319.85
Taxes on land, DuPage county	1,682.97
Engineering department	2,744,267.41
Clerical department	227,936.76
Law department	1,262,123.62
Treasury department	52,237.85
Police department	461,460.99
General account	1,173,061.91
Land damages	113,729.46
Marine damages	15,473.16
State inspection of main channel	33,075.97
Personal injuries account	5,433.20
Sewage disposal experiments	15,328.90
Machinery and tools account	76,000.08
City of Chicago	16,360.63
Joseph J. Duffy	94,734.78
Weir, McKechney & Co.	22,118.14
John M. Ewen company	3,643.00
Strobel Steel Construction company	56.46
Total expenditures	62,628,928.10
Due from Western Stone company	1,074.15
Due from Chicago & Great Lakes Dredge & Dock Co.	1,397.57
Emergency funds in the hands of the president and department officials	27,300.00
Balance in hands of Charles L. Hutchinson, treasurer	121,527.41
Total	62,780,227.23

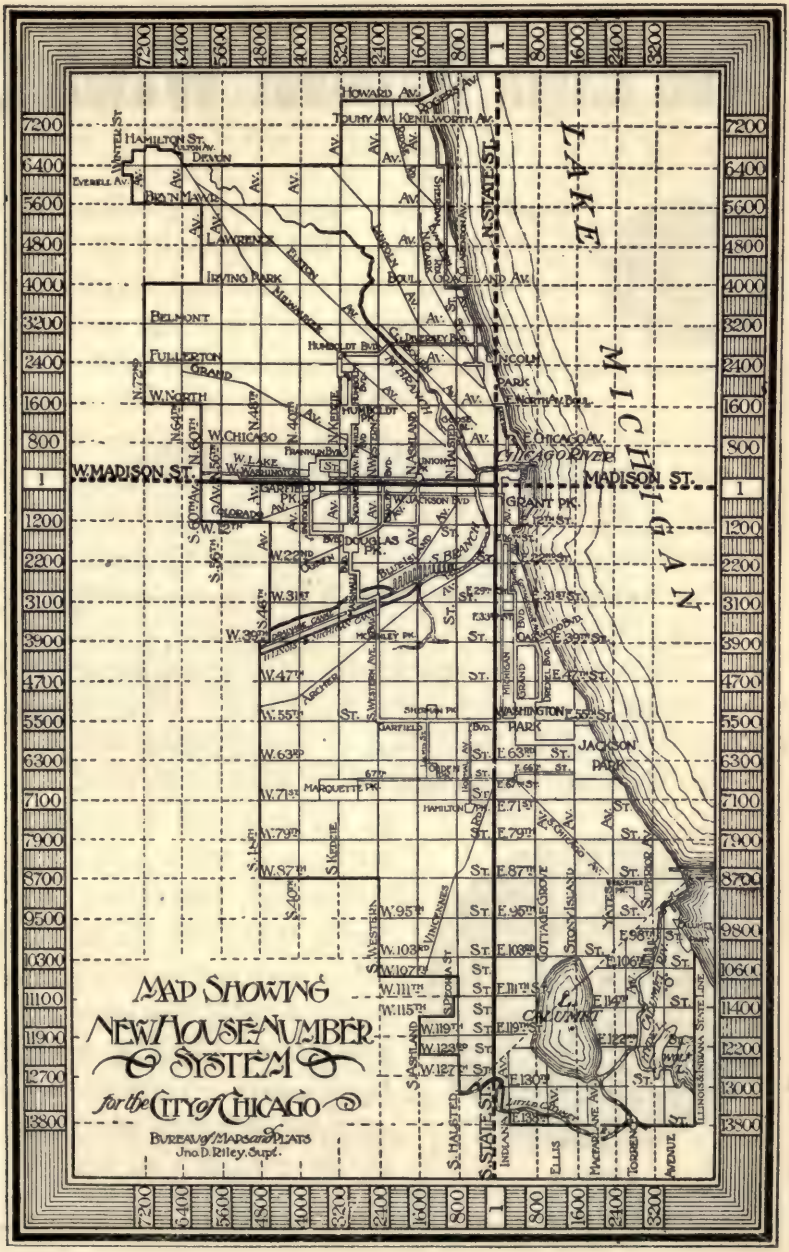
HOUSE-NUMBER SYSTEM IN CHICAGO.

Sept. 1, 1909, a new house-number system went into effect in Chicago. By the terms of the ordinance passed June 22, 1908, no change was made in the old numbers in the district between the river, 12th street and the lake. Neither was any change made in the north and south streets on the south side. State and Madison streets were made base lines and all numbered streets and avenues were given the prefix north, south, east or west, according to their location with reference to these base lines. Named streets, such as Halsted street, Chicago avenue, etc., which either cross or are open on each side of either of the base lines, were given similar prefixes according to their location north, south, east or west of the base lines. Named streets open on only one side of either of the base lines were given no prefix. The basis of numbering, under the new ordinance, is every twenty feet of frontage and not every lot. To each one-eighth of a mile 100 numbers are assigned, or 800 to the mile. On north and south streets the new odd numbers are on the east and the even numbers on the west side of the street; on east and west streets the odd numbers are on the south and the even numbers on the north side of the street.

STREETS, ALLEYS AND PAVEMENTS.

The combined length of the streets and alleys of Chicago is 4,315.55 miles. The street mileage is 2,880.66 and the alley mileage 1,434.89. Of the streets 1,674.65 miles are paved. The total of each kind of pavement in use Jan. 1, 1910, was:

Pavements.	Miles.	Pavements.	Miles.
Asphalt	478.61	Concrete	4.97
Block asphalt	1.74	Creosoted block	11.43
Brick	122.24	Granite	79.29
Cedar	396.90	Macadam	569.16
Medina stone	1.19	Wood asphalt	0.05
Slag	6.50		
Novaculite	2.00	Total	1,674.65
Rock asphalt	0.57		


MAP SHOWING
NEW HOUSE-NUMBER
SYSTEM
for the CITY of CHICAGO
BUREAU of MAPS and PLATS
Jno. D. Riley, Supt.
LAKE MICHIGAN
MADISON ST.
W. MADISON ST.
N. STATE ST.
S. STATE ST.
CHICAGO RIVER
HOWARD AV.
KENILWORTH AV.
IRVING PARK
BELMONT
FULLERTON
GRAND
W. NORTH
W. CHICAGO
LINCOLN PARK
GRANT PK.
WASHINGTON PARK
JACKSON PARK
MARQUETTE PK.
GARFIELD
DOUGLAS PK.
HUMBOLDT PK.
SHERMAN PK.
HAMILTON PK.
MIDWAY PLAISANCE
STONY ISLAND
CALUMET
ELLIS
INDIANA
MACKINAW
TORRENCE
AVENUE

The Elgin National Watch Co.

LADY ELGIN.

Founded in 1864. Delivered their first watch, grade B. W. Raymond, serial number 101, in April, 1867. From this beginning the Company has grown to enormous proportions, producing during the intervening years (1867 to 1910) more than 16,000,000 watches, 400 grades and 10 different sizes, ranging from the largest, the Veritas Model, 1 8-10 inches in diameter, to the smallest, the Lady Elgin, the size of a nickel five-cent piece. The output includes styles to suit every taste and vocation; whether the purchaser is an engineer with the responsibilities of many lives or a person of leisure, all can be accommodated. The output of the Elgin National Watch Company is 3,300 watches daily.

The factory buildings occupy 13 acres and the floor space is approximately 1,800,000 square feet. The buildings are steel and fire-proof construction of the most modern design both in conveniences and sanitation. The company conducts an up-to-date Hotel for the comfort of those employes preferring hotel life, a perfectly equipped Gymnasium, Band Room, Library and Dance Hall. The Hospital is splendidly equipped and in charge of a graduate nurse, who looks after emergency cases. If an operation should be necessary everything required is available, including rest rooms. The factory grounds were beautifully laid

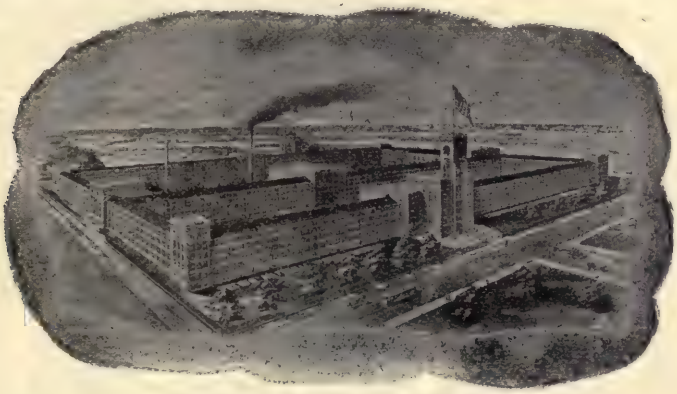
VERITAS.

out by O. C. Simonds & Company and are kept in perfect condition by a competent corps of gardeners.

The Officers and Directors are: Charles H. Hulburd, President; Ernest A. Hamill, Vice-President; Louis E. Laflin, Martin A. Ryerson, A. C. Bartlett, Henry A. Blair, A. A. Sprague.

The Detail Managers are: G. V. Dickinson, General Agent; J. R. Perry, Secretary; J. B. Warren, Western Sales Agent; W. H Kinna, Eastern Sales Agent.

The factory Management consists of: George E. Hunter, Superintendent; Israel Hatch, Assistant Superintendent, and E. N. Herbster, Comptroller.



FACTORY BUILDINGS, ELGIN, ILL.

The accompanying illustrations show the plan of the factory buildings and the two extremes in the size of Elgin watches.

Elgin National Watch Co.

General Offices:

131 Wabash Avenue, Chicago, Ill.

New York Office: 15 Maiden Lane. **Toronto Office: Traders Bank Bldg.**

CHICAGO GRAIN STATISTICS.

The following tables show the extreme prices in each year for forty years for cash wheat, corn and oats, indicating the month in which such prices were obtained.

YEAR.	WHEAT.		
	Lowest in	Range.	Highest in
1871	Aug	$0.99½@1.32	Feb., Apr., Sept.
1872	Nov	1.01 @1.61	Aug.
1873	Sept	.89 @1.46	July.
1874	Oct	.81½@1.28	Apr.
1875	Feb	.83¼@1.30½	Aug.
1876	July	.83 @1.26¾	Dec.
1877	Aug	1.01½@1.76½	May.
1878	Oct	.77 @1.14	Apr.
1879	Jan	.81⅝@1.33½	Dec.
1880	Aug	.96½@1.32	Jan.
1881	Jan	.95⅜@1.43¼	Oct.
1882	Dec	.91⅜@1.40	Apr. and May.
1883	Oct	.90 @1.13½	June.
1884	Dec	.69 @ .96	Feb.
1885	Mar	.73⅜@ .91¾	Apr.
1886	Oct	.69⅛@ .84¾	Jan.
1887	Aug	.66⅝@ .94¼	June.
1888	Apr	.71⅛@2.00	Sept.
1889	June	.75½@1.08¾	Feb.
1890	Feb	.74¼@1 08¼	Aug.

YEAR.	WHEAT.		
	Lowest in	Range.	Highest in
1891	July	$0.84¾@1.16	Apr.
1892	Oct	.69¼@ .91¾	Feb.
1893	July	.51¼@ .85	Apr.
1894	July	.50⅝@ .63¾	Apr.
1895	Jan	.48⅞@ .81½	May.
1896	Aug	.53 @ .94⅜	Nov.
1897	Apr	.66⅛@1.06	Dec.
1898	Oct	.62 @1.85	May.
1899	Dec	.64 @ .79¼	May.
1900	Jan	.61⅛@ .87⅛	June.
1901	July	.63⅛@ .77¼	June.
1902	Oct	.67½@ .95	Sept.
1903	Jan	.70¾@ .93	Sept.
1904	Jan	.81¼@1.22	Sept., Oct., Dec.
1905	Aug	.77⅜@1.24	Feb.
1906	Aug	.69⅛@ .94¾	May.
1907	Jan	.71 @1.22	Oct.
1908	July	.84½@1.24	Aug.
1909	Oct	1.03 @1.60	June.
1910*	Oct	.91½@1.29½	July.

YEAR.	CORN.		
	Lowest in	Range.	Highest in
1871	Dec	$0.39½@ .56⅛	Mar. and May.
1872	Oct	.29½@ .48⅝	May
1873	June	.27 @ .54¼	Dec
1874	Jan	.49 @ .86	Sept
1875	Dec	.45½@ .76⅛	May and July.
1876	Feb	.38⅜@ .49	May
1877	Mar	.37⅝@ .58	Apr
1878	Dec	.29⅞@ .43⅝	Mar
1879	Jan	.29⅜@ .49	Oct
1880	Apr	.31½@ .43¾	Nov
1881	Feb	.35¾@ .76⅜	Oct
1882	Dec	.79¼@ .81½	July
1883	Oct	.46 @ .70	Jan
1884	Dec	.34½@ .57	Sept
1885	Jan	.34¼@ .49	Apr. and May.
1886	Oct	.33⅜@ .45	July
1887	Feb	.33 @ .51⅛	Dec
1888	Dec	.33½@ .60	May
1889	Dec	.29¼@ .60	Nov
1890	Feb	.27¼@ .54¼	Nov
1891	Dec	.39¼@ .80	Nov
1892	Jan	.37½@1.00	May
1893	Dec	.34½@ .44⅞	May
1894	Feb	.33¾@ .59½	Aug
1895	Dec	.24⅞@ .54¾	May
1896	Sept	.19½@ .30⅝	Apr
1897	Jan. and Feb	.21¾@ .32⅝	Aug
1898	Jan	.26 @ .38	Dec
1899	Dec	.30 @ .38¼	Jan
1900	Jan	.30½@ .49½	Nov
1901	Jan	.36 @ .62⅜	Nov
1902	Oct	.55 @ .88	July
1903	Mar	.41¾@ .53	July and Aug.
1904	Jan	.42¾@ .58½	Nov
1905	Jan	.42 @ .64½	May
1906	Feb. and March	.39 @ .54¾	June
1907	Jan	.39¾@ .66⅜	Oct
1908	Feb	.56½@ .82	May and Sept.
1909	Jan	.58¼@ .77	June
1910*	Oct	.47½@ .68	Jan

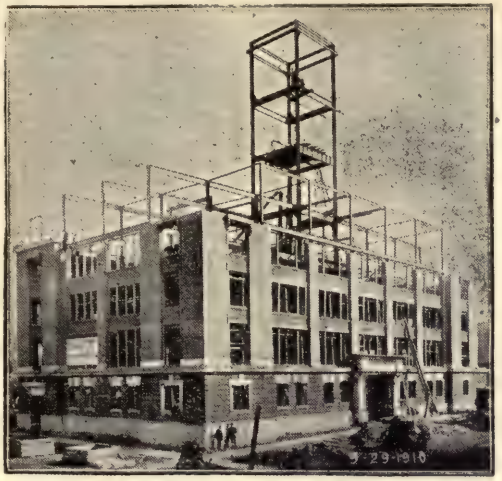
OATS.		
Lowest in	Range.	Highest in
Aug	$0.27 @ .51⅛	Mar. and Apr.
Oct. and Nov	.20¼@ .43¼	June.
Apr	.23¾@ .40⅝	Dec.
Aug	.37¼@ .71	July.
Dec	.29½@ .64½	May.
July	.27 @ .35	Sept.
Aug	.22 @ .45¾	May.
Oct	.18 @ .72½	July.
Jan	.19½@ .36¾	Dec.
Aug	.22½@ .35	Jan. and May
Feb	.29½@ .47¾	Oct.
Sept	.30½@ .62	July.
Sept	.25 @ .43½	Mar.
Dec	.23 @ .34¾	Apr.
Sept	.24¼@ .36½	Apr.
Oct	.22½@ .35	Jan.
Mar. and April	.23½@ .31½	Dec.
Sept	.23½@ .38	May.
Oct	.17¾@ .26⅛	Feb.
Feb	.19¼@ .45	Nov.
Oct	.26 @ .56½	Apr.
Jan	.28 @ .34⅝	Aug.
July	.21⅝@ .32¼	May.
Jan	.26 @ .50	June.
Dec	.16⅝@ .31½	June.
Sept	.14¾@ .20¼	Feb. and Mar.
Feb	.15⅜@ .23⅞	Dec.
Aug. and Sept	.20¼@ .32	May.
Aug	.19¼@ .28¼	Feb.
Aug	.21 @ .26¼	June.
Jan	.23¼@ .42⅛	Nov.
Aug	.25 @ .56	July.
Mar	.31¼@ .45	July.
Oct	.28¼@ .46	Feb.
Sept	.25 @ .34¾	July.
Mar	.28⅞@ .42¾	June.
Jan	.33½@ .56½	Sept.
Aug	.46 @ .60⅛	July.
Oct	.38¼@ .62½	May.
Oct	.20¾@ .49	Feb.

*Jan. 1 to Nov. 1.

HOUSE OF CORRECTION.

South California avenue, near 26th street. Statistics for calendar years 1908 and 1909.

	1908.			1909.		
	Male.	Female.	Total.	Male.	Female.	Total.
Prisoners received	11,013	1,414	12,427	11,098	1,457	12,555
Prisoners discharged	11,376	1,413	12,789	11,107	1,421	12,528
From juvenile court	.....	.....	381	272	.....	272
Discharged by juvenile court	.....	.....	456	347	.....	347
Prisoners receiving medical treatment	.....	.....	7,290	8,605	688	9,293



FIREPROOF MERCANTILE BUILDING
At East Ravenswood Park and Berteau avenue
The Progress Company, Owner

W. R. PATTERSON,
Consulting Engineer.

F. E. DAVIDSON,
Architect.

PATTERSON & DAVIDSON

INDUSTRIAL ENGINEERS

98 Jackson Boulevard

CHICAGO

Manufacturing plants and Industrial buildings our specialty.

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H. H. WALKER & CO.

REAL ESTATE AND LOANS

MANUFACTURING AND DOCK PROPERTY

TACOMA BUILDING

Telephone Main 286

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CHICAGO

CAPITAL, SURPLUS AND RESERVES, $ 2,500,000
INSURANCE IN FORCE - - - 17,000,000

Policies which sell. Profitable contracts for agents. Desirable available territory—will enter new territory.

Write us your ambitions—we may help you realize them.

Isaac Miller Hamilton, Pres.

PRICES OF MESS PORK AND LARD FOR FORTY YEARS.

The following table shows the lowest and highest cash prices for mess pork and prime steamed lard in the Chicago market for the past forty years and the months in which extreme prices were reached.

YEAR.	MESS PORK.			LARD.		
	Lowest in	Range.	Highest in	Lowest in	Range.	Highest in
1871	Aug	$12.00 @23.00	Jan	Nov. and Dec	$8.37½@13.00	Feb.
1872	Mar	11.05 @16.00	July	Dec	7.00 @11.00	July.
1873	Nov	11.00 @18.00	Apr. and May	Nov	6.50 @ 9.37½	Apr.
1874	Jan., Feb., Mar	13.75 @24.75	Aug	Jan	8.20 @15.50	Oct.
1875	Jan	17.70 @23.50	Oct	Nov	11.80 @15.75	Apr. and May
1876	Oct	15.20 @22.75	Apr	Sept	9.55 @13.85	Mar. and Apr.
1877	Dec	11.40 @17.95	Jan	Dec	7.55 @11.55	Jan.
1878	Dec	6.02½@11.35	Jan	Dec	5.32½@ 7.80	Aug.
1879	Jan	7.27½@13.75	Dec	Aug	5.30 @ 7.75	Dec.
1880	Apr	9.37½@19.00	Oct	June	6.35 @ 7.85	Nov.
1881	Jan	12.40 @20.00	Sept	Feb	9.20 @13.00	July.
1882	Mar	16.00 @24.75	Oct	Mar	10.05 @13.10	Oct.
1883	Sept. and Oct	10.20 @20.15	May	Oct	7.15 @12.10	May.
1884	Dec	10.55 @19.50	May, June, July	Dec	6.45 @10.00	Feb.
1885	Oct. and Nov	8.00 @13.25	Feb	Oct	5.82½@ 7.10	Feb. and Apr.
1886	May	8.20 @12.20	Dec	May	5.82½@ 7.50	Sept.
1887	Jan	11.60 @24.00	May	June and Oct	6.20 @ 7.92½	Dec.
1888	Dec	12.90 @16.00	Oct	Jan	7.25 @11.20	Oct.
1889	Dec	8.35 @13.37½	Jan	Dec	5.75 @ 7.55	Jan.
1890	Dec	7.50 @13.62½	Apr	Dec	5.50 @ 6.52½	Apr.
1891	Dec	7.45 @13.00	May	Feb	5.47½@ 7.05	Sept.
1892	Apr	9.25 @15.05	Dec	Jan	6.05 @10.60	Dec.
1893	Aug	10.25 @21.80	May	Aug	6.00 @13.20	Mar.
1894	Mar	10.67½@14.57½	Sept	Mar	6.45 @ 9.05	Sept.
1895	Dec	7.50 @12.87½	May	Dec	5.15 @ 7.17½	Mar.
1896	Aug	5.50 @10.85	Jan	July	3.05 @ 5.85	Jan.
1897	Dec	7.15 @ 9.00	Sept	June	3.42½@ 4.90	Sept.
1898	Oct	7.65 @12.30	May	Jan. and Oct	4.62½@ 6.82½	May.
1899	May and Oct	7.85 @10.45	Jan	May	4.90 @ 5.77½	Jan.
1900	Nov	10.37½@16.00	Oct	Feb	5.65 @ 7.40	Oct.
1901	Jan	12.60 @16.80	Mar	Jan	6.90 @10.25	Sept.
1902	Feb. and Mar	15.00 @18.70	July	Feb	9.07½@11.60	Sept.
1903	Oct	10.95 @18.37½	Mar	Oct	6.20 @11.00	Sept.
1904	Sept	10.60 @16.50	Feb	May	6.15 @ 7.92½	Feb.
1905	Apr	11.70 @16.50	Oct	Jan	6.55 @ 8.10	Aug.
1906	Jan	13.45 @20.00	July	Jan	7.32½@ 9.85	Nov.
1907	Sept. and Oct	13.75 @17.75	Feb	Oct	8.42½@ 9.97½	Feb.
1908	Feb	10.75 @16.60	July	Feb	6.97½@10.45	Oct.
1909	Jan	16.25 @25.20	Sept	Jan	9.40 @12.65	Sept. and Oct
1910*	Oct	17.25 @27.00	July	Aug	11.50 @14.65	Mch.

*Jan. 1 to Nov. 1.

CHICAGO WEATHER.

MONTH.	TEMPERATURE.						PRECIPITATION.				
	Highest, degrees.	Date.	Lowest, degrees.	Date.	Mean for month, degrees.	Mean for 39 years, degrees.	Inches per month.	Average for 39 years.	Clear days.	Partly cloudy days.	Cloudy days.
1909—November	71	11	28	23	48.5	39.3	3.84	2.55	4	11	15
December	55	5	—7	30	21.7	28.8	4.18	2.11	6	9	16
1910—January	46	26	—5	7	25.7	24.4	3.07	2.10	5	6	20
February	51	15	—6	23	21.7	25.4	0.89	2.16	6	9	13
March	81	27	26	15	48.6	34.4	0.29	2.55	18	11	2
April	86	29	24	23	51.2	45.9	3.84	2.88	11	6	13
May	78	22	38	3	53.4	56.5	4.67	3.37	8	13	10
June	91	17	43	3	68.2	66.3	0.91	3.66	19	8	3
July	97	21	62	4	76.0	72.4	1.79	3.64	13	16	2
August	89	22	53	26	73.3	71.2	3.08	2.88	10	15	6
September	83	8	49	27	65.2	64.6	3.90	3.02	12	7	11
October	84	17	27	29	58.4	53.2	1.79	2.55	14	12	5

CHICAGO COMMITTEE OF PUBLIC EFFICIENCY.

Organized in 1910.

Trustees—Julius Rosenwald, chairman; Alfred L. Baker, treasurer; Onward Bates, William A. Bond, Clyde M. Carr, Charles R. Crane, Henry B. Favill, Walter L. Fisher, Charles E. Merriam.
Director—Herbert R. Sands.
Secretary—George C. Sikes.
Headquarters—900 Masonic Temple.

The purposes of the organization are:

(1) To scrutinize the systems of accounting in the eight local governments of Chicago.

(2) To examine the methods of purchasing materials and supplies and letting and executing construction contracts in these bodies.

(3) To examine the pay rolls of these local governing bodies with a view of determining the efficiency of such expenditures.

(4) To make constructive suggestions for improvements in the directions indicated under 1, 2 and 3, and to co-operate with public officials in the installation of these improved methods.

(5) To furnish the public with exact information regarding public revenues and expenditures, and thereby promote efficiency and economy in the public service.

BAR-I-WHEAT

BARLEY — RYE — WHEAT

A COMBINATION OF THE ABOVE GRAINS SCIENTIFICALLY MIXED AND STERILIZED PRODUCES——

BAR-I-WHEAT

TRADE-MARK REGISTERED

A FOOD FOR EVERYBODY CONTAINING ALL THE NUTRITIVE ELEMENTS NECESSARY TO IMPART HEALTH AND VITALITY

MANUFACTURED AND GUARANTEED BY

WM. L. O'CONNELL CEREAL CO.

(NOT INCORPORATED)

64 WABASH-AV., CHICAGO, ILL.

Under the Food and Drugs Act, June 30, 1906. Serial No. 32099.
Net Weight—27 Ounces

LOCATION OF FIRE ENGINES AND HOOK AND LADDER COMPANIES.

FIRE ENGINE COMPANIES.

General headquarters, 200 Randolph street.

No.	Location.
1.	271 5th avenue.
2.	2421 Lowe avenue.
3.	855 West Erie street.
4.	1244 N. Halsted-st.
5.	326 S. Jefferson-st.
6.	514 Maxwell street.
7.	636 Blue Island-av.
8.	1931 Archer avenue.
9.	2527 Cottage Grove-av.
10.	345 LaSalle street.
11.	10 E. Michigan-st.
12.	1641 West Lake-st.
13.	19 Dearborn street.
14.	509 W. Chicago-av.
15.	1156 West 22d street.
16.	23 W. 31st street.
17.	558 West Lake street (double company).
18.	1123 West 12th street.
19.	3444 Rhodes avenue.
20.	1318 Rawson street.
21.	13 E. Taylor street.
22.	520 Webster avenue.
23.	1702 West 21st place.
24.	2447 Warren avenue.
25.	1975 Canalport-av.
26.	455 North Lincoln-st.
27.	1244 Wells street.
28.	2867 Loomis street.
29.	744 West 35th street.
30.	1125 N. Ashland-av.
31.	2012 W. Congress-st.
32.	2 E. Washington-st.
33.	2208 Clybourn avenue.
34.	112 N. Curtis street.
35.	1625 N. Robey street.
36.	2346 West 25th street.
37.	Foot of Franklin-st. (fireboat Graeme Stewart).
38.	2246 S. Ridgeway-av.
39.	1618 West 33d place.
40.	83 S. Franklin-st.
41.	Sampson's slip, Throop and Lumber-sts.
42.	230 West Illinois-st.
43.	2183 Stave street.
44.	3138 W. Lake street.
45.	4600 Cottage Grove-av.
46.	9321-23 South Chicago avenue.
47.	7531 Dobson avenue.
48.	4005 Dearborn street.
49.	1642 W. 47th street.
50.	4659 Wentworth-av.
51.	6345 Wentworth-av.
52.	4710 S. Elizabeth-st.
53.	40th and Packers-av.
54.	8023 Vincennes-rd.
55.	2740 Sheffield avenue.
56.	2214 Barry avenue.
57.	2412 Haddon avenue.
58.	92d street bridge and Calumet river.
59.	826 Exchange avenue.
60.	1315 E. 55th street.
61.	5300 Wentworth-av.
62.	34 East 114th street.
63.	6328-30 Jackson-av.
64.	6244 Laflin street.
65.	2714 West 39th street.
66.	2858 Fillmore street.
67.	4666 Fulton street.
68.	1642 N. 44th avenue.
69.	4017 N. 42d court.
70.	2102 Eastwood-av.
71.	West end Weed-st. bridge.
72.	7914 Sherman avenue.
73.	8630 Emerald avenue.
74.	10615 Ewing avenue.
75.	12054-56 Wallace-st.
76.	3517 Cortland street.
77.	1224 S. 40th court.
78.	1052 Waveland-av.
79.	5356 N. Ashland-av.
80.	623 East 108th street.
81.	10458 Hoxie avenue.
82.	761 East 95th street.
83.	1219 South place.
84.	5721 S. Halsted-st.
85.	3700 West Huron-st.
86.	2414 Cuyler avenue.
87.	8701 Escanaba-av.
88.	3500 W. 60th street.
89.	4456 N. 46th court.
90.	1016 W. Division-st.
91.	3000 Elbridge avenue.
92.	North branch Deering yards.
93.	269 5th avenue.
94.	326 S. Jefferson-st.
95.	4000 Wilcox avenue.
96.	459 North Waller-av.
97.	13359 Superior-av.
98.	180 E. Chicago-av.
99.	3042 S. 41st court.
100.	6843 Jefferson-av.
101.	1533 West 69th-st.
102.	7077 N. Clark street.
103.	1459 W. Harrison-st.
104.	1401 Michigan-av.
105.	2337 W. Erie street.
106.	2754 N. Fairfield-av.
107.	2258 W. 13th street.
108.	4937 Our street.
109.	2358 S. Whipple-st.
110.	2541 Foster avenue.
111.	1701N. Washtenaw-av.
112.	1732 Byron street.
113.	4658 Lexington-st.
114.	3542 W. Fullerton-av.
115.	11940 S. Peoria-st.
116.	5929 Wood street.
117.	816 N. 52d avenue.

HOOK AND LADDER COMPANIES.

No.	Location.
1.	347 LaSalle street.
2.	540 W. Washington-st.
3.	158 W. Erie street.
4.	214 W. 22d street.
5.	1125 W. 12th street.
6.	85 S. Franklin-st.
7.	455 N. Lincoln-st.
8.	2865 Loomis street.
9.	2 E. Washington-st.
10.	1613 Hudson avenue.
11.	9 East 36th place.
12.	2256 W. 13th street.
13.	2756 N. Fairfield av.
14.	916 West 19th street.
15.	4600 Cottage Grove-av.
16.	1401 East 62d place.
17.	9321 South Chicago-av.
18.	4738 Halsted street.
19.	1129 W. Chicago-av.
20.	446 West 69th street.
21.	1531 Belmont avenue.
22.	1620 Winnemac-av.
23.	4937 Our street.
24.	10400 Vincennes road.
25.	1545 Rosemont-av.
26.	4002 Wilcox avenue.
27.	30 East 114th street.
28.	1625 N. Robey street.
29.	441 N. Waller-av.
30.	6017 State street.
31.	1401 Michigan avenue.
32.	2360 S. Whipple-st.
33.	4457 Marshfield-av.
34.	1024 East 73d street.

FIRE-INSURANCE PATROLS.

No.	Location.	Telephone.
1.	176 Monroe-st.	Monroe 1215.
2.	427 S. Sangamon-st.	Monroe 493.
3.	15 W. 23d street.	Calumet 772.
4.	Union Stockyards.	Yards 592.
5.	221 Whiting street.	North 783.
6.	334 S. Hoyne avenue.	West 1226.
7.	1628 W. Division-st.	Monroe 1788.
8.	25 Michigan avenue.	

POLITICAL ASSOCIATIONS IN CHICAGO.

Chicago Citizenship Congress—President, Judge Marcus A. Kavanagh; secretary, Charles A. Alden, 1634, 143 Dearborn street.

Chicago Civil Service League, room 10, 70 Dearborn street—Secretary, James M. Grimm.

Chicago Federation of Local Citizens' Clubs—President, Thomas J. Sutherland.

Chicago Political Equality League, 203 Michigan avenue—Corresponding secretary, Mrs. Helen W. Affeld.

Chicago Single Tax Club, 508 Schiller building—Secretary, A. Wangemann.

Citizens' Association of Chicago (nonpartisan), room 33, 92 LaSalle street—President, Welford C. Shurtleff; secretary, Shelby M. Singleton.

City Club, 228 Clark street—President, Walter L. Fisher; secretary, S. L. Adams; civic secretary, George E. Hooker.

Civic Federation (nonpartisan), room 416, 184 LaSalle street—President, Henry M. Byllesby; secretary, Douglas Sutherland.

Civil Service Reform Association of Chicago, 924 Marquette building—President, Robert Catherwood; secretary, Herbert E. Fleming.

County Democracy Club, 91 Clark street, fourth floor—Chairman, W. L. O'Connell; secretary, John McGillen.

Germania Club, 848 North Clark street—Corresponding secretary, Ernest A. Poch.

Legislative Voters' League of Illinois (nonpartisan), 1634, 143 Dearborn street—President, Clifford W. Barnes; secretary, Harry L. Bird.

Municipal Voters' League (nonpartisan)—President, Lessing Rosenthal; secretary, Kellog Fairbank; assistant secretary, Walter S. Rogers, 44, 81 Clark street.

Referendum League of Illinois, 69 Dearborn street—Secretary, Maurice F. Doty.

United Societies for Self-Government—President, Charles Kellerman; secretary, A. J. Cermak.

Locations and secretaries of semipolitical social clubs like the Hamilton (rep.), Iroquois (dem.) and Marquette (rep.) will be found under "Chicago Clubs and Clubhouses."

BEEF AND PORK PACKING IN CHICAGO.

Year ended March 1.

Years.	No. cattle.	No. hogs.
1894-5	1,958,206	5,293,202
1895-6	1,810,593	5,490,410
1896-7	1,756,431	5,967,595
1897-8	1,732,296	6,747,265
1898-9	1,603,380	8,016,675
1899-1900	1,734,776	7,544,219
1900-1	1,814,921	7,364,859
1901-2	2,047,489	7,691,513
1902-3	2,017,563	6,911,947
1903-4	2,163,976	6,763,685
1904-5	1,918,665	6,044,758
1905-6	1,988,955	6,170,341
1906-7	1,988,504	6,079,641
1907-8	1,817,737	6,342,717
1908-9	1,637,295	6,298,205

THE

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UNMEASURED, UNLIMITED, AND SECRET SERVICE

ILLINOIS TUNNEL COMPANY

166 Washington Street

POINTS OF INTEREST IN AND ABOUT CHICAGO.

NORTH SIDE.

Academy of Sciences museum in Lincoln park.
Cemeteries—Graceland, Rosehill, Calvary.
Fort Sheridan, near Highwood.
Grant, Lincoln, Schiller, Goethe and other monuments in Lincoln park.
Historical society library and collection, Dearborn avenue and Ontario street.
Lake Shore drive.
Lincoln park conservatories and zoo.
Newberry library, Clark street and Walton place.
Northwestern university in Evanston.
Waterworks, Chicago avenue, near lake.

SOUTH SIDE.

Armour Institute of Technology, 3300 Armour avenue.
Art institute galleries of paintings, sculptures and art collections; on the lake front, foot of Adams street.
Auditorium tower, Wabash avenue and Congress street; view of city.
Blackstone branch library, Lake avenue and 49th street.
Board of trade, LaSalle street and Jackson boulevard; admission to gallery.
Cahokia courthouse on Wooded island in Jackson park.
Caravels in Jackson park.
Central Trust company building, interior mural decorations, 148 Monroe street.
Chamber of Commerce building (interior), LaSalle and Washington streets.
Chicago Normal school, 68th street and Stewart avenue.
Confederate monument in Oakwoods cemetery.
County building, Clark and Randolph streets.
Crerar library, 87 Wabash avenue, sixth floor.
Douglas monument, 35th street and Ellis avenue.
Drexel, Grand and 55th Street boulevards.
Field museum in Jackson park.
Fire tablet (1871), 137 DeKoven street.
Fort Dearborn site tablet, 1 River street, opposite Rush street bridge.
Grand Army hall in public library building, Randolph street and Michigan avenue.
Iroquois theater fire, scene of, 79-83 Randolph street.
Jackson park, site of World's Fair in 1893.
Life-saving station, at mouth of Chicago river.
Lincoln wigwam tablet, Market and Lake streets.
Logan statue in Grant park (lake front).
Marquette building sculpture panels, Dearborn and Adams streets.
Marquette-Joliet cross, Robey street and drainage canal.
Masonic Temple; view of city from roof.
Massacre monument in 18th street near the lake.
Midway plaisance.
Montgomery Ward tower, Michigan avenue and Madison street; view of city.
McKinley statue in McKinley park.
Orchestra Hall, 168 Michigan avenue.
Postoffice, on square bounded by Adams, Clark and Dearborn streets and Jackson boulevard.
Public library, Michigan avenue and Washington street.
Pullman, suburb and manufactory.
South Water street; commission house district.
State street department stores; shopping district.
Stockyards, Halsted and Root streets.
University of Chicago quadrangles, Ellis avenue and 58th street.
Washington statue, Grand boulevard and 51st street.
Wendell Phillips high school, Prairie avenue and 39th street.
Wooded island in Jackson park.

WEST SIDE.

Ashland, Humboldt, Washington and Garfield boulevards.
Douglas park.
Drainage canal.
Garfield park.
Ghetto district on South Canal, Jefferson and Maxwell streets; fish market on Jefferson street from 12th to Maxwell.
Haymarket square, Randolph and Desplaines streets; scene of anarchist riot.
Hull House, 335 South Halsted street.
Humboldt park.
Humboldt, Leif Ericson, Reuter and Kosciusko monuments in Humboldt park.
Parental school, St. Louis and Berwyn avenues.
Police monument (Haymarket), in Union park.

MONUMENTS IN CHICAGO.

Name, location and date of dedication or completion of each.

Alarm, The—Lincoln park; May 17, 1884.
Anarchists'—Waldheim cemetery; June 25, 1893.
Andersen, Hans Christian—Lincoln park; Sept. 26, 1896.
Armstrong, George B.—Postoffice, north entrance; May 19, 1881.
Beethoven—Lincoln park; June 19, 1897.
Bohemian Soldiers and Sailors—Bohemian National cemetery; May 29, 1892.
Burns, Robert—Garfield park; Aug. 25, 1906.
Confederate Soldiers—Oakwoods cemetery; July 23, 1893.
Douglas—Foot of 35th street; corner stone laid Sept. 6, 1866; dedication June 3, 1868.
Drake Fountain—Exchange avenue and 92d street, South Chicago; dedicated Oct. 11, 1908; presented to city Dec. 26, 1892, and first stood on Washington street in front of courthouse.
Drexel Fountain and Statue—Drexel boulevard and 51st street; completed in June, 1883; no formal dedication.
Ericson, Leif—Humboldt park; Oct. 12, 1901.
Fire (1871) Tablet—137 DeKoven street; 1881.
Fort Dearborn Massacre—Calumet avenue and 18th street; June 22, 1893.
Fort Dearborn Tablet—River street and Michigan avenue; unveiled May 21, 1881.
Franklin—Lincoln park; June 6, 1896.
Garibaldi—Lincoln park; Oct. 12, 1901.
Grant—Lincoln park; Oct. 7, 1891.
Grant Post No. 28, G. A. R.—Elmwood cemetery; June 28, 1903.
Harrison, Carter H.—Union park, June 29, 1907.
Haymarket—Union park; May 30, 1889.
Humboldt—Humboldt park; Oct. 16, 1892.
Kennison—Lincoln park; Dec. 19, 1903.
Kosciusko—Humboldt park; Sept. 11, 1904.
LaSalle—Lincoln park; Oct. 12, 1889.
Lincoln—Lincoln park; Oct. 22, 1887.
Lincoln Post No. 91, G. A. R.—Oakwoods cemetery; June 14, 1905.
Lincoln Wigwam Tablet—Market and Lake streets; unveiled May 11, 1910.
Linne—Lincoln park; May 23, 1891.
Logan—Lake Front park; July 22, 1897.
Logan Post No. 540, G. A. R.—Rosehill cemetery; June 1, 1900.
Marquette-Joliet—South Robey street and river; cross dedicated Sept. 23, 1907; tablet, May 6, 1909.
Mulligan—Calvary cemetery; May 30, 1895.
McKinley—McKinley park; July 4, 1905.
Press Club—Mount Hope cemetery; Nov. 12, 1893.
Reese, Michael—29th street and Groveland avenue; completed spring of 1893.
Reuter—Humboldt park; May 14; 1893.
Rosenberg Fountain—Park row and Michigan avenue; accepted by city Oct. 16, 1893.
Schiller—Lincoln park; May 15, 1886.
Shakespeare—Lincoln park; April 23, 1894.
Signal of Peace, The—Lincoln park; June 9, 1894.
Sweeney Post No. 275, G. A. R.—Evergreen cemetery, Barrington; Sept. 9, 1906.
Thomas Post No. 5, G. A. R.—Rosehill cemetery; Feb. 22, 1895.
Victoria—Garfield park; Oct. 16, 1893.
Washington—Grand boulevard and 51st street; completed June 6, 1904; no formal unveiling.
Washington Post No. 94, G. A. R.—Elmwood cemetery; Aug. 22, 1909.
Willich Post No. 780, G. A. R.—Town of Maine cemetery; Oct. 13, 1901.

CHICAGO, ILL. THE ROOKERY

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MAYORALTY ELECTIONS IN CHICAGO SINCE 1871.

Nov. 7, 1871.
Joseph Medill, Rep..... 16,125
Chas. C. P. Holden, Dem. 5,988

Nov. 4, 1873.
H. D. Colvin, Peo. Party...28,791
L. L. Bond, Law and Order. 18,540

July 12, 1876.
Monroe Heath, Rep..... 19,248
Mark Kimball, Dem..... 7,509
J. J. McGrath, Ind..... 3,363

April 3, 1877.
Monroe Heath, Rep..... 30,881
Perry H. Smith, Dem..... 19,449

April 1, 1879.
C. H. Harrison, Sr., Dem. 25,685
Abner M. Wright, Rep.... 20,496
Ernst Schmidt, Soc..... 11,829

April 5, 1881.
C. H. Harrison, Sr., Dem. 35,668
John M. Clark, Rep..... 27,925
Timothy O'Mara, Ind..... 764
George Schilling, Soc..... 240

April 3, 1883.
C. H. Harrison, Sr., Dem.. 41,225
Eugene Cary, Rep..... 30,963

April 7, 1885.
C. H. Harrison, Sr., Dem.. 43,352
Sidney Smith, Rep..... 42,977
William H. Bush, Pro..... 221

April 5, 1887.
John A. Roche, Rep..... 51,249
Robert L. Nelson, Lab..... 23,490
Joseph L. Whitlock, Pro... 372

April 2, 1889.
DeWitt C. Cregier, Dem.. 57,340
John A. Roche, Rep..... 45,328
Ira J. Mason, Pro..... 410
Charles Orchardson, Soc... 303

April 7, 1891.
Hempst'd Washburne, Rep. 46,957
DeWitt C. Cregier, Dem... 46,588
Elmer Washburn, Citizens. 24,027
C. H. Harrison, Sr., Ind. D. 42,931
Thomas Morgan, Soc..... 2,376

April 4, 1893.
C. H. Harrison, Sr., Dem..114,237
Sam Allerton, Rep..... 93,148
DeW. C. Cregier, Un. Cit. 3,033
J. Ehrenpreis, Soc. Lab.... 1,000

Dec. 19, 1893.
Special election to fill vacancy caused by assassination of Carter H. Harrison, Sr.
John P. Hopkins, Dem.....112,959
George B. Swift, Rep.....111,669
Michael Britzius, Soc..... 2,064
Ebenezer Wakeley, Pop.... 535

April 2, 1895.
George B. Swift, Rep.....143,884
Frank Wenter, Dem.....103,125
Bayard Holmes, Peo..... 12,852
Arthur J. Bassett, Pro.... 994
Ebenezer Wakeley, Peo. Sil. 362

April 6, 1897.
C. H. Harrison, Jr., Dem..148,880
John M. Harlan, Ind. Rep. 69,730
Nathaniel C. Sears, Rep... 55,542
Wash. Hesing, Ind. Dem... 15,427
John Glambock, Soc. Lab.. 1,230
H. L. Parmelee, Pro..... 910
J. Irving Pearce, Jr., Ind.. 561
Frank H. Collier, Ind. Dem. 110

April 4, 1899.
C. H. Harrison, Jr., Dem..148,496
Zina R. Carter, Rep.....107,437
John P. Altgeld, M. O.... 47,169
John A. Wadhams, Pro.... 1,023
August Klenkie, Soc. Lab.. 1,175
T. G. Kerwin, Soc. Dem... 367

April 2, 1901.
C. H. Harrison, Jr., Dem..156,756
Elbridge Hanecy, Rep.....128,413
Avery E. Hoyt, Pro..... 3,328
Gus. Hoyt, Soc. Dem..... 2,043
John R. Pepin, Soc. Lab.. 679
Thomas Rhodes, Sin. Tax.. 1,028
John Collins, Soc..... 5,334

April 7, 1903.
C. H. Harrison, Jr., Dem..146,208
Graeme Stewart, Rep.....138,548
Thomas L. Haines, Pro.... 2,674
Charles L. Breckon, Soc... 11,124
Daniel L. Cruice, Ind. Lab. 9,947
Henry Sale, Soc. Lab..... 1,014

April 4, 1905.
Edward F. Dunne, Dem...163,189
John M. Harlan, Rep.....138,548
Oliver W. Stewart, Pro.... 3,294
John Collins, Soc..... 23,034

April 2, 1907.
Fred A. Busse, Rep.....164,702
Edward F. Dunne, Dem....151,779
W. A. Brubaker, Pro..... 6,020
George Koop, Soc..... 13,429

MAYORS OF CHICAGO.

Their politics and order and year of election.

No.	NAME.	Party.	Elected.	Died.
1.	William B. Ogden	Democratic	1837	1877
2.	Buckner S. Morris	Whig	1838	1879
3.	Benjamin W. Raymond	Whig	1839	1883
4.	Alexander Lloyd	Democratic	1840	1872
5.	Francis C. Sherman	Democratic	1841	1870
6.	Benjamin W. Raymond	Democratic	1842	1883
7.	Augustus Garrett	Democratic	1843	1848
8.	Alson S. Sherman	Democratic	1844	1903
9.	Augustus Garrett	Democratic	1845	1848
10.	John P. Chapin	Whig	1846	1864
11.	James Curtiss	Democratic	1847	1860
12.	James H. Woodworth	Dem.-Whig	1848	1869
13.	James H. Woodworth	Dem.-Whig	1849	1869
14.	James Curtiss	Democratic	1850	1860
15.	Walter S. Gurnee	Democratic	1851	1903
16.	Walter S. Gurnee	Democratic	1852	1903
17.	Charles M. Gray	Democratic	1853	1885
18.	Isaac L. Milliken	Democratic	1854	1889
19.	Levi D. Boone	Knownothing	1855	1882
20.	Thomas Dyer	Democratic	1856	1862
21.	John Wentworth	Rep Fusionist	1857	1888
22.	John C. Haines	Republican	1858	1896
23.	John C. Haines	Republican	1859	1896
24.	John Wentworth	Republican	1860	1888
25.	Julian S. Rumsey	Republican	1861	1886
26.	Francis C. Sherman	Democratic	1862	1870
27.	Francis C. Sherman*	Democratic	1863	1870
28.	John B. Rice	Republican	1865	1874
29.	John B. Rice	Republican	1867	1874
30.	Roswell B. Mason	People's	1869	1892
31.	Joseph Medill	Citizens'†	1871	1899
32.	Harvey D. Colvin	People's	1873	1892
33.	Thomas Hoyne	Republican	1875	1894
34.	Monroe Heath	Republican	1876	1894
35.	Monroe Heath	Republican	1877	1894
36.	Carter H. Harrison, Sr.	Democratic	1879	1893
37.	Carter H. Harrison, Sr.	Democratic	1881	1893
38.	Carter H. Harrison, Sr.	Democratic	1883	1893
39.	Carter H. Harrison, Sr.	Democratic	1885	1893
40.	John A. Roche	Republican	1887	1904
41.	DeWitt C. Cregier	Democratic	1889	1898
42.	Hempstead Washburne	Republican	1891	....
43.	Carter H. Harrison, Sr.	Democratic	1893	1893
44.	John P. Hopkins	Democratic	1893	....
45.	George B. Swift	Republican	1895	....
46.	Carter H. Harrison, Jr.	Democratic	1897	....
47.	Carter H. Harrison, Jr.	Democratic	1899	....
48.	Carter H. Harrison, Jr.	Democratic	1901	....
49.	Carter H. Harrison, Jr.	Democratic	1903	....
50.	Edward F. Dunne	Democratic	1905	....
51.	Fred A. Busse‡	Republican	1907	....

*Two-year terms for mayor began in 1863. †"Fire-Proof" ticket. ‡Four-year term for mayor began in 1907.

CHICAGO HARBOR COMMISSION.

Jan. 6, 1908, Mayor Fred A. Busse sent a special message to the city council calling attention to the pressing need of giving careful and comprehensive consideration at the earliest possible date to the improvement of Chicago's harbor facilities and asking authority for the appointment of a commission to study the question. The authority was given on the same date and the following commission was appointed: John M. Ewen (chairman), Charles H. Conover, Frederic A. Delano, Isham Randolph, Charles H. Wacker and Aldermen Charles M. Foell and Peter L. Hoffman. Ald. John P. Stewart was subsequently added to the committee. Prof. C. E. Merriam was made secretary and J. Paul Goode, George C. Sikes and George G. Tunell were appointed by the commission to make special investigations. The commission made its report to the mayor and aldermen in March, 1909. A summary, prepared by the commission itself, of its recommendations will be found in The Daily News Almanac and Year-Book for 1910, page 530.

KESNER BUILDING,

Northeast Corner Madison-st. and Wabash-av., Chicago.

JENNEY, MUNDIE & JENSEN, ARCHITECTS.

CEMETERIES IN CHICAGO AND VICINITY.

Arlington—West thirteen miles, near Elmhurst.
Bethany—Archer avenue and 79th street.
Bohemian National—North 40th and Foster avenues.
B'nai Abraham—South of Forest Home.
B'nai Sholom—North Clark street, near Graceland avenue.
B'rith Abraham—Desplaines avenue and 14th street, Forest Park.
Brookside—West sixteen miles, near South Elmhurst.
Calvary—North ten miles, near South Evanston.
Chebra Gemilath Chasadim Ubikur Cholim—North Clark street, near Graceland avenue.
Chebra Kadisha Ubikur Cholim—North Clark street, near Graceland avenue.
Chevra Shomer Hadas—Nine miles west on Desplaines avenue, north of West 12th street.
Concordia—Nine miles west on Madison street.
Crown Hill—Fourteen miles west on Aurora, Elgin & Joliet railway.
Eden—Irving Park boulevard, near Franklin Park.
Elm Lawn—West thirteen miles on Lake street, near Elmhurst.
Elmwood—Grand and Beach avenues.
Evergreen—South Kedzie avenue and 87th street.
Forest Home—West ten miles on 12th street.
Free Sons of Israel—At Waldheim.
German Lutheran—North Clark street and Graceland avenue.
Graceland—North five miles on Clark street.
Hebrew Benevolent Society—North Clark street, near Graceland avenue.
Highland—West Chicago.
Montrose—Bryn Mawr and North 40th avenues.
Moses Montefiore—South of Forest Home.
Mount Auburn—Southwest nine and one-half miles, at 39th street and Oak Park avenue.
Mount Carmel—Hillside Station.
Mount Glenwood—Thornton, Ill.
Mount Greenwood—Near Morgan Park; south.
Mount Hope—Near Morgan Park.
Mount Maariv—Dunning; northwest.
Mount Olive—North 64th avenue, near West Irving Park boulevard.
Mount Olivet—South sixteen miles, near Morgan Park.
New Light—East Prairie road, near Lincoln avenue, Morton Grove; northwest.
North Chicago Hebrew Congregation—At Rosehill; north.
Norwood Park—Sanford avenue and Higgins road.
Oak Hill—West 119th street and Kedzie avenue.
Oakland—Proviso; west twelve miles.
Oakridge—Oakridge avenue and West 12th street; west twelve miles.
Oakwoods—Greenwood avenue and 67th street; south.
Oestereich-Ungarischer Kranken Unterstuetzungs-Verein—At Waldheim.
Ohavo Amuno—South of Forest Home.
Ohavo Sholom—At Oakwoods.
Polish—Milwaukee avenue, near Norwood Park.
Ridgelawn—North 40th and Peterson avenues.
Rosehill—North seven miles.
St. Adalbert—Norwood Park.
St. Boniface—North Clark street and Lawrence avenue.
St. Henry—Ridge and Devon avenues.
St. Joseph's—River Grove.
St. Lukas—5232 North 40th avenue.
St. Maria—Grand Trunk railway and 87th street; south.
Sinai Congregation—At Rosehill.
Union Ridge—Higgins avenue, near Norwood Park.
Waldheim—West ten miles on Harrison street.
Zion Congregation—At Rosehill.

CEMETERY POPULATION.

Between 800,000 and 1,000,000 persons are buried in the cemeteries of Chicago and its immediate vicinity. Calvary is the largest, with about 150,000 graves.

DISTANCES IN CHICAGO.

BETWEEN RAILWAY STATIONS.

PRINCIPAL DOWNTOWN TERMINALS.	Illinois Central.	Northwestern.	Dearborn.	LaSalle.	Grand Central.	Union.
Illinois Central	....	2	.8	1.08	.9	1.6
Northwestern	2	....	1.3	.9	1	.9
Dearborn	.8	1.3	....	.5	.3	1.1
LaSalle	1.08	.9	.5	....	.2	.6
Grand Central	.9	1	.3	.2	....	.5
Union	1.6	.9	1.1	.6	.5	....

FROM MADISON STREET SOUTH.

Twelfth street, 1 mile.
Twenty-Second street, 2 miles.
Thirty-First street, 3 miles.
Thirty-Ninth street, 4 miles.
Forty-Seventh street, 5 miles.
Fifty-Fifth street, 6 miles.
Sixty-Third street, 7 miles.
Seventy-First street, 8 miles.
Seventy-Ninth street, 9 miles.
Eighty-Seventh street, 10 miles.
Ninety-Fifth street, 11 miles.
One Hundred and Third street, 12 miles.
One Hundred and Eleventh street, 13 miles.
One Hundred and Nineteenth street, 14 miles.
One Hundred and Twenty-Seventh street, 15 miles.
City limits, 16½ miles.

FROM MADISON STREET NORTH.

Chicago avenue, 1 mile.
North avenue, 2 miles.
Fullerton avenue, 3 miles.
Belmont avenue, 4 miles.
Graceland avenue, 5 miles.
Lawrence avenue, 6 miles.
Bryn Mawr avenue, 7 miles.
Devon avenue, 8 miles.
Touhy avenue, 9 miles.
City limits, 9½ miles.

FROM STATE STREET WEST.

Halsted street, 1 mile.
Ashland boulevard, 2 miles.
Western avenue, 3 miles.
Kedzie avenue, 4 miles.
Fortieth avenue, 5 miles.
Forty-Eighth avenue, 6 miles.
Central avenue, 7 miles.
Ridgeland avenue, 8 miles.
City limits (west on North avenue), 9 miles.

FROM STATE STREET EAST.

To lake on 22d street, 2-3 mile.
To Cottage Grove avenue on 31st street, 2-3 mile.
To Cottage Grove avenue south of 39th street, 1 mile.
To Stony Island avenue on 55th, 2 miles.
To Yates avenue, south of 71st street, 3 miles.

CHIEFS OF POLICE OF CHICAGO.

Names and dates of appointment:
W. W. Kennedy, April, 1871.
Elmer Washburn, April, 1872.
Jacob Rehm, December, 1873.
Michael C. Hickey, Oct. 7, 1875.
Valerius A. Seavey, July 30, 1878.
Simon O'Donnell, Dec. 15, 1879.
William J. McGarigle, Dec. 13, 1880.
Austin J. Doyle, Nov. 13, 1882.
Frederick Ebersold, Oct. 26, 1885.
George W. Hubbard, April 17, 1888.
Frederick H. Marsh, Jan. 1, 1890.
Robert W. McClaughry, May 18, 1891.
Michael Brennan, Sept. 11, 1893.
John J. Badenoch, April 11, 1895.
Joseph Kipley, April 16, 1897, and April, 1899.
Francis O'Neill, April 30, 1901, and June 26, 1903.
John M. Collins, July 26, 1905.
George M. Shippy, April 15, 1907.
LeRoy T. Steward, Aug. 14, 1909.

CAPACITY—3,600 Barrels Per Day.

B. A. ECKHART MILLING CO.

B. A. ECKHART, Proprietor

MERCHANT MILLERS

1300 TO 1332 CARROLL AVENUE
From Elizabeth Street to Ada Street

Our new 3,600 Barrel Mills are now in full operation, producing the finest grades of Spring and Winter Flour made in the world. The only mills in the United States arranged with complete and improved Hungarian Sifter System.

B. A. ECKHART'S "XXXX BEST" PATENT

B. A. ECKHART'S "DADDY DOLLAR" PATENT

CABLE ADDRESS, "ECKHART"

ELEVATED RAILROAD STATIONS.

ON THE "LOOP."

Wabash and Adams, Wabash and Madison, Wabash and Randolph, Lake and State, Lake and Clark, 5th avenue and Randolph, 5th avenue and Madison, 5th avenue and Quincy, Van Buren and LaSalle, Van Buren and Dearborn and Van Buren and State.

CHICAGO & OAK PARK LINE.

Route: West on Lake street to Central avenue and west on South boulevard to Wisconsin avenue, Oak Park.

Stations: Clinton, Halsted, Morgan, Ann, Sheldon, Ashland, Wood, Robey, Oakley, Campbell, California, Sacramento, Kedzie, Homan, Hamlin, 40th avenue, 44th avenue, 48th avenue, 52d avenue, Central, Prairie, Austin avenue, Lombard, 64th avenue, Oak Park avenue, Wisconsin avenue.

METROPOLITAN ROAD.

GARFIELD PARK LINE.

Route: West from Franklin and Van Buren streets to South 52d avenue.

Stations: Franklin, Canal, Halsted, Center, Laflin, Marshfield, Ogden, Hoyne, Western, California, Sacramento, Kedzie, St. Louis, Garfield, 40th avenue, 42d court, 45th avenue, 48th avenue, 52d avenue, Central avenue, Austin avenue, Lombard avenue, Gunderson avenue, Oak Park avenue, Home avenue, Harlem avenue, Hannah street, Des Plaines avenue.

DOUGLAS PARK LINE.

Route: South from Marshfield avenue station to West 21st street and west to South 40th avenue.

Stations: Polk, 12th street, 14th place, 18th street, Wood, Hoyne, Western, California, Douglas Park, Kedzie, Homan, Clifton Park, Lawndale, South 40th avenue, South 43d avenue, South 46th avenue, South 50th avenue, South 52d avenue.

HUMBOLDT PARK LINE.

Route: Northwest from Marshfield avenue station to Robey street, thence west to Lawndale avenue.

Stations: Madison, Lake, Grand, Chicago, Division, Robey, Western, California, Humboldt, Kedzie, Ballou, Lawndale.

LOGAN SQUARE LINE.

Route: Same as Humboldt park line to Robey street and North avenue; thence northwest to Logan square.

Stations beyond Robey: Western, California, Sacramento, Logan square.

Note—Trains on all the Metropolitan elevated lines run around the "loop" and stop at the stations between Franklin and Marshfield except that during the rush hours in the morning and evening some of them run through from Halsted to Marshfield without stopping at the intermediate stations. Trains also run west from terminal station in 5th avenue near Van Buren street.

NORTHWESTERN LINE.

Route: North from 5th avenue and Lake street to North avenue, west to Sheffield and north to Central avenue, Evanston.

Stations: Kinzie, Chicago, Oak, Division, Schiller, Sedgwick and North avenue, Larrabee, Halsted, Willow, Center, Webster, Fullerton, Wrightwood, Diversey, Wellington, Belmont, Clark and Roscoe, Addison, Grace, Sheridan and Graceland, Buena Park, Wilson, Argyle, Edgewater (Bryn Mawr), North Edgewater, Hayes avenue, Rogers Park (Farwell), Birchwood, Howard avenue, Calvary, Main street, Dempster street, Davis street, Noyes street and Central avenue, Evanston. Trains also arrive at and depart from station at North Clark and Kinzie streets.

Express trains stop at Kinzie, Chicago, Fullerton, Belmont, Sheridan road and Wilson avenue.

RAVENSWOOD BRANCH.

Route: West from Clark and Roscoe streets to west side of Chicago & Northwestern tracks, north to Leland avenue and west to Kimball avenue.

Stations: Southport, Paulina, Addison, Irving Park boulevard, Montrose, Wilson, Robey, Western, Rockwell, Francisco, Kedzie.

SOUTH SIDE (ALLEY L) LINE.

Route: South from Van Buren street and Wabash avenue to 40th street, east to alley between Prairie avenue and Grand boulevard, south to 63d street and east to Stony Island avenue.

Stations: Congress, old Congress, 12th street, 18th street, 22d street, 26th street, 29th street, 31st street, 33d street, 35th street, 39th street, Indiana avenue, 43d street, 47th street, 51st street, 55th street, 58th street, 61st street, South Park, Cottage Grove, Lexington, Madison, Stony Island.

ENGLEWOOD BRANCH.

Route: West from Prairie avenue and 58th street to Wentworth avenue, south to 63d street and west to Loomis street.

Stations: State and 59th, Wentworth and 59th, Princeton and 61st, Harvard and 63d, Parnell and 63d, Halsted and 63d, Centre avenue and 62d, Loomis street and 63d.

NORMAL PARK BRANCH.

Route: South from 63d street and Stewart avenue to 67th street, west to Normal avenue and south to 69th street.

Stations: 65th street and Stewart avenue, 67th and Stewart, 69th and Normal avenue.

KENWOOD BRANCH.

Route: East from 40th street and Calumet avenue to Oakenwald avenue and 42d street.

Stations: Grand boulevard and 40th street, Vincennes avenue and 40th, Cottage Grove avenue and 41st, Drexel boulevard and 41st, Ellis avenue and 41st, Lake avenue and 41st street, 42d street and Oakenwald avenue.

STOCKYARDS BRANCH.

Route: West from Indiana avenue and 40th street to the stockyards.

Stations: Indiana avenue, Wallace street, Halsted street, Exchange station, Morris station, Swift station, Packers' station, Armour station.

LOCATION OF RAILWAY PASSENGER STATIONS.

CENTRAL STATION—Park row and 12th street; south side.
Chicago, Cincinnati & Louisville.
Cleveland, Cincinnati, Chicago & St. Louis (Big Four).
Illinois Central.
Michigan Central.
West Michigan.
Wisconsin Central.

CHICAGO & NORTHWESTERN—West Madison and Canal streets (new), west side; Wells and Kinzie streets (old), north side.
All divisions.

DEARBORN STATION—Dearborn and Polk streets; south side.
Atchison, Topeka & Santa Fe.
Chicago & Western Indiana.
Chicago, Indianapolis & Louisville (Monon).
Erie.
Grand Trunk.
Wabash.

GRAND CENTRAL STATION—Fifth avenue and Harrison street; south side.
Baltimore & Ohio.
Chicago Great Western.
Chicago Terminal Transfer.
Pere Marquette.

LASALLE STREET STATION—Van Buren and LaSalle streets; south side.
Chicago & Eastern Illinois.
Chicago, Rock Island & Pacific.
Lackawanna.
Lake Shore & Michigan Southern.
New York, Chicago & St. Louis (Nickel Plate).

UNION STATION—Canal street, between Adams and Madison; west side.
Chicago & Alton.
Chicago, Burlington & Quincy.
Chicago, Milwaukee & St. Paul.
Pittsburg, Fort Wayne & Chicago.
Pittsburg, Cincinnati, Chicago & St. Louis (Pan Handle).

CYRUS H. HOWELL, President. WALTER E. SCHMIDT, Secretary. EMIL G. SEIP, Treasurer.

PHONES, CENTRAL 1584, SOUTH CHICAGO 88.

ILLINOIS IMPROVEMENT & BALLAST CO.

CONTRACTORS

Public Improvements
Fire Proof Slag Products

643-645 COMMERCIAL NATIONAL BANK BLDG.

CHICAGO, ILL.

SOUTH CHICAGO BRANCH—8810-22 MACKINAW AVENUE

CHICAGO RECEIPTS AND SHIPMENTS (1902-1909).

[From board of trade reports.]

RECEIPTS.

ARTICLE.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
Pork, brls	9,824	4,194	10,452	12,320	5,034	13,072	9,260	24,953
Other meats, lbs	111,437,941	159,049,982	200,221,000	274,012,012	204,641,412	206,872,674	235,477,393	207,405,026
Lard, lbs	40,758,916	35,993,461	54,549,592	84,653,196	80,397,434	70,361,665	77,301,132	70,852,783
Butter, lbs	219,232,542	232,032,484	249,024,146	271,914,803	248,648,098	263,714,642	316,694,782	284,546,835
Wool, lbs	107,610,327	61,211,057	72,636,000	43,521,605	57,312,218	53,805,470	66,018,883	91,035,097
Hides, lbs	154,984,487	115,561,227	165,739,850	155,346,635	132,878,796	120,642,541	136,729,644	150,636,895
Flaxseed, bu	1,254,780	3,618,504	3,397,313	2,890,241	2,086,395	1,851,442	2,119,355	1,199,119
Other seeds, lbs	58,174,216	78,331,648	88,722,907	78,589,943	62,729,160	51,141,309	83,585,558	91,132,313
Salt, brls	356,966	2,332,114	2,005,159	1,984,199	1,811,380	1,908,886	1,829,030	1,728,395
Coal, tons	1,577,757							
Lumber, 1,000 ft	887,372	1,711,348	1,670,272	2,193,540	2,362,856	2,479,458	2,053,639	2,584,512
Eggs, cases*	2,459,340	3,279,248	3,113,858	3,117,221	3,583,878	4,780,356	4,569,014	4,557,906
Flour, brls	7,395,207	7,760,227	8,839,227	7,944,955	9,059,329	9,435,311	9,496,037	8,526,207
Wheat, bu	37,940,953	27,124,585	24,457,340	26,899,012	28,249,475	24,943,690	21,168,442	26,985,112
Corn, bu	50,622,907	98,545,534	100,543,207	110,823,444	98,896,563	125,159,932	91,169,147	90,894,920
Oats, bu	78,879,800	83,588,386	73,023,119	92,486,761	89,912,881	93,906,779	82,529,017	87,884,238

SHIPMENTS.

Pork, brls	189,609	675,795	113,850	144,909	182,906	141,840	168,265	182,228
Other meats, lbs	660,680,190	580,282,643	652,564,606	754,942,965	804,642,049	753 259,255	720,804,686	720,032,586
Lard, lbs	382,498,069	371,000,959	336,789,963	405,629,825	421,914,539	393,629,530	402,779,483	255,052,422
Butter, lbs	201,787,235	197,620,859	249,359,694	254,150,889	252,807,516	252,005,932	269,178,313	235,648,857
Wool, lbs	107,610,327	73,543,531	73,316,559	46,757,734	60,346,206	63,907,814	83,267,798	118,156,595
Hides, lbs	154,984,487	187,928,906	197,469,251	173,406,223	175,170,520	166,736,394	199,176,623	180,677,234
Flaxseed, bu	1,254,780	547,367	676,281	238,652	435,171	98,292	213,984	150,834
Other seeds, lbs	58,174,216	76,304,807	71,196,146	54,210,439	61,683,329	75,130,800	83,337,110	76,048,562
Salt, brls	356,966	488,570	375,835	332,920	244,462	409,959	416,121	460,359
Coal, tons	1,577,757							
Lumber, 1,000 ft	887,372	803,846	821,008	956,377	1,041,491	977,746	771,539	961,822
Eggs, cases*	1,463,512	1,639,302	1,685,577	2,030,339	2,475,659	2,839,677	2,805,382	2,306,727
Flour, brls	5,839,441	5,834,871	7,267,896	7,361,867	8,199,628	9,231,693	9,180,355	8,316,943
Wheat, bu	30,218,807	24,969,548	17,957,416	13,922,714	16,788,573	24,314,892	22,579,044	23,484,171
Corn, bu	45,557,999	90,179,115	75,184,758	91,153,342	78,974,686	95,770,779	69,692,749	72,835,839
Oats, bu	58,030,291	65,539,179	47,306,901	66,131,725	73,718,199	68,897,313	79,857,557	77,286,663

*Thirty dozen in each.

CHICAGO CHARTER MOVEMENT.

What was known as the Chicago charter convention was organized in 1906, the first session being held Dec. 12, that year. Milton J. Foreman was president, Alexander H. Revell vice-president, M. L. McKinley secretary and Henry Barrett Chamberlin assistant secretary. The convention was made up of delegates chosen by or representing the mayor, city council, governor, assembly, board of education, sanitary trustees, county board, public library board and the Chicago park boards. Its purpose was to frame a comprehensive, simple and elastic charter for the city of Chicago to be submitted to the state legislature for consideration. The work was completed and the charter taken to Springfield in the early part of 1907, where it was introduced in each house of the legislature and referred to the appropriate committees.

Some of the main features of the charter were these: Consolidation in the municipal government of Chicago of the power vested in the board of education, township, park and other local governments within the city; submission of propositions to popular vote; aldermen to be elected once in four years; the raising of adequate revenue by the issue of bonds and by other means; the power to own, maintain and operate all public utilities in the city, including intramural railroads, subways and tunnels, and telephone, telegraph, gas, electric lighting, heating, refrigerating and power plants; the parks to be under the management of a city department of parks; the public-school system to be a department of the city government and under the control of a board of education of fifteen members appointed by the mayor for terms of three years; the public library to be managed by a board of nine directors appointed by the mayor for terms of six years.

Several radical changes were made by the legislature, one of the most important being the substitution of the old primary system for the one proposed. Another was the redistricting of the city into fifty wards, one alderman to be elected from each. These and other changes aroused much opposition, but the charter was passed May 12, 1907. According to the terms of the act it was submitted to the voters of Chicago at a special election held Sept. 17, 1907, when it was defeated by a vote of 121,935 nays to 59,786 yeas.

Early in 1909 the charter convention resumed work and prepared eleven bills for submission to the legislature, in the hope that some at least might be enacted into law. These separate bills included the principal points in the charter defeated by the referendum vote of 1907.

The charter bills encountered opposition from the start, not only from the senators and assemblymen representing districts outside of Chicago, but also from some of the city members, and, while favorable action was taken in committee and also in each house on the consolidation measure and on one or two of the other propositions, no legislation was secured and the work of the convention again went for nothing.

INTERNAL REVENUE COLLECTIONS IN CHICAGO.

For first district of Illinois, calendar year 1909.

Collections on lists	$28,394.28	Oleomargarine (10c lb.)	258,200.30
Fermented liquor	4,854,555.50	Process butter	57,813.43
Distilled spirits	284,681.76	Filled cheese	2,148.12
Cigars and cigarettes	672,528.18	Playing cards	39,688.68
Snuff	259,116.41		
Tobacco	1,102,225.48	Total, 1909	8,210,708.39
Special tax	475,025.17	Total, 1908	7,815,046.24
Oleomargarine (¼c lb.)	177,321.08	Total, 1907	8,020,055.10

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CHICAGO

THE ART INSTITUTE OF CHICAGO.

A museum of fine arts and school of drawing, painting, etc.

Michigan avenue and Adams street.

OFFICERS.

President—Charles L. Hutchinson.
Vice-Presidents—Martin A. Ryerson, Frank G. Logan.
Secretary—Newton H. Carpenter.
Treasurer—Ernest A. Hamill.
Auditor—William A. Angell.
Director—W. M. R. French.
Librarian—Miss Mary Van Horne.
School Registrar—Ralph W. Holmes.
Trustees, 1909-10—Edward E. Ayer, Adolphus C. Bartlett, John C. Black, Chauncey J. Blair, Clarence Buckingham, Edward B. Butler, Daniel H. Burnham, Clyde M. Carr, Charles Deering, Henry H. Getty, John J. Glessner, Frank W. Gunsaulus, Charles L. Hutchinson, Bryan Lathrop, Frank G. Logan, R. Hall McCormick, John J. Mitchell, Samuel M. Nickerson, Honore Palmer, Martin A. Ryerson, Howard Van D. Shaw, Albert A. Sprague. Ex officio: Fred A. Busse, mayor; Walter H. Wilson, city comptroller; Henry G. Foreman, president south park commissioners; William Best, auditor south park commissioners.

The Art Institute of Chicago was incorporated May 24, 1879, for the "founding and maintenance of schools of art and design, the formation and exhibition of collections of objects of art and the cultivation and extension of the arts of design by any appropriate means." The museum building upon the lake front, first occupied in 1893, has never been closed for a day. It is open to the public every week day from 9 to 5, Sundays from 1 to 5. Admission is free to members and their families at all times, and free to all upon Wednesdays, Saturdays, Sundays and legal holidays. Upon other days the entrance fee is 25 cents.

All friends of art are invited to become members. Annual members pay a fee of $10 a year. Life members pay $100 and are thenceforth exempt from dues. Governing members pay $100 upon election and $25 a year thereafter. Upon the payment of $400 governing members become governing life members and are thenceforth exempt from dues. All receipts from life memberships are invested and the income only expended. All members are entitled, with their families and visiting friends, to admission to all exhibitions, receptions, public lectures and entertainments given by the Art Institute and to the use of the Ryerson reference library upon art.

MUSEUM.

The Art museum now ranks among the first three or four in the country. It contains excellent examples of the old masters and of the modern painters. There is also a large and comprehensive collection of sculptures; this contains reproductions of the work of the greatest sculptors, ancient and modern. There is an extensive collection of architectural casts. The museum possesses an admirable collection of original drawings for illustration. There is also a collection of etchings and steel engravings. There is a constant succession of passing exhibitions of the best modern art, twenty or more in a year. All students enjoy the full use of the collections and the library. The advantage of having these great collections located in the same building cannot be overestimated. The number of visitors to the art galleries during the year ending June 1, 1910, was 546,775.

SCHOOL.

The school of instruction in the practice and theory of art includes departments of painting, sculpture, decorative designing, illustration, architecture and normal instruction. There are day and evening classes for beginners and for advanced pupils. Special classes on Saturdays. The instructors number about 80 and the pupils will average about 3,000 a year. The principle upon which the school is founded is to maintain in the highest efficiency the severe practice of academic drawing and painting, from life, from the antique and from objects, and around this practice, as a living stem, to group the various departments of art education.

The school is conducted upon the most modern methods. The classes are organized upon the French "atelier and concours" system. Constant communication and interchange are kept up with European art centers, and a ready hearing is given to all new methods and theories. Students may enter at any time. The tuition rates are as follows:

Day School—Full time for full term of twelve weeks, $30; four weeks, $12; four days a week, full term, $27; four weeks, $11; three days a week, full term, $24; four weeks, $9; two days a week, full term, $18; four weeks, $7; one day a week, full term, $12; four weeks, $5.

Half-Day Courses—Five half days a week, $24 a term; four weeks, $10; four half days a week, $21 a term; four weeks, $9; three half days a week, $17 a term; four weeks, $7; two half days a week, $13 a term; four weeks, $5; one half day a week, $8 a term; four weeks, $4.

Evening Rates—Three nights a week, $7 for twelve weeks or $3 for four weeks; two nights a week, $5.50 a term or $2.50 for four weeks; one night a week, $4 a term or $2 for four weeks.

Saturday Rates for Juvenile Class—Twelve half days for $5.

Special Classes—

Pottery—Twelve half days	$6.00
Leather—Twelve half days	6.00
Metal—Twelve half days	6.00
Bookbinding—Twelve half days	6.00
Drawing—Twelve half days	5.00
Design—Twelve half days	5.00
Ceramic Painting—Twelve half days	8.00
Ceramic Design—Twelve half days	5.00

The attendance of students for the year ended June 1, 1910, was as follows:

Day school	917
Saturday school	649
Evening school	867
Summer day school	355
Summer evening school	107
	2,895
Students belonging to two schools	258
Grand total	2,637

CHICAGO ACADEMY OF FINE ARTS.

No. 6 East Madison street.

President—Carl N. Werntz.
Vice-president—M. M. Newman.
Secretary—E. M. Ashcraft, Jr.

The Chicago Academy of Fine Arts was founded in October, 1902. Its object is to popularize art and art education through the more practical channels of illustration, cartooning, commercial illustration, design, normal art training, crafts, miniature, etc. It was the first school to teach commercial art, crafts work, miniature and cartooning in exclusive classes; also the first school to give its students training in business ethics and selling systems. The average attendance is 700 pupils per year, with twenty instructors, the faculty including some of the best-known local artists. There are day and evening classes and the rates of tuition are as follows:

Afternoons only—$16 for 3 months.
Mornings only—$26 for 3 months.
All-day classes—$100 per season of 9 months.
Evening classes—$22 for 9 months, 3 nights weekly.
Sunday class—$20 for 9 months.
Saturday classes for school teachers, children and others—$5 for 3 months.
All classes limited.

UNION STOCK YARDS, CHICAGO.

"The Live-Stock Market of the World."

The Chicago Union Stock Yards is the greatest market of any kind in the world. It consists of about 500 acres covered with pens, viaducts, buildings, railroad tracks, etc., the whole paved with brick and divided into blocks and streets like a city, and providing all necessary facilities for doing an enormous business in receiving, unloading, yarding, feeding, watering, buying, selling, weighing, delivering and shipping live animals. It is supplied by twenty-two states of the union. There were received and sold on this market last year 14,491,372 animals for the stupendous sum of $323,607,543.

Chicago's great meat-packing district, familiarly known as "Packingtown," is located back of and adjoining the Union Stock Yards proper, and consists of a nearly equal territory covered with immense brick buildings and a maze of railway tracks, all devoted to the slaughter, refrigeration, manufacture and distribution in refrigerator cars of meat products and by-products for consumption throughout the world. There are also a number of independent packing plants located outside of "Packingtown."

These two districts, one embracing the live-stock market and the other the meat-packing interests, while in a large measure interdependent, are controlled and operated under entirely separate management and ownerships. More than 45,000 men are employed in and about the Stock Yards and packing houses, and the daily volume of transactions reaches into the millions.

All stock reaching Chicago is sold, generally, on day of arrival. None is forwarded in first hands. All sales are for cash on day of sale, followed by immediate delivery of the property sold. A considerable portion of the daily receipts is sold for shipment alive, mainly to eastern slaughtering points and to the seaboard for export. Eastern buyers constantly compete with the large packers for the daily offerings, thus furnishing at all times abundant healthy competition among buyers. Over 100 established commission firms and corporations are engaged in selling live stock on the market regularly for nonresident shippers and producers.

Since 1900 there has been marketed and sold in Chicago a yearly average of over 16,000,000 animals, exceeding $300,000,000 in value, or about one-half the total combined receipts of the six principal live-stock markets of the United States which means that *a daily average of over 1,000 carloads of live stock, of an average value exceeding $1,000 per carload, or an average of more than $1,000,000 worth of animals, are disposed of every business day of the year on the Chicago live-stock market.*

FIGURES SHOW ENORMOUS BUSINESS.

The Chicago Union Stock Yards was the first great centralized live-stock market, and since its establishment in 1866 has handled the following number of animals:

GRAND TOTAL.

Receipts and shipments of head of stock of all kinds during 44 years.

Receipts.		Shipments.
90,772,125	Cattle	37,809,706
5,356,690	Calves	700,808
261,609,691	Hogs	71,837,035
88,299,208	Sheep	21,516,834
2,493,105	Horses	2,247,676
448,530,819		134,112,059

Grand total handled by Union Stock Yards since its establishment.....582,642,878

VALUATION.

Valuation of receipts.....$8,225,183,564

RECEIPTS AND VALUATION FOR 1909.

Head.	Kind.	Valuation.
2,929,805	Cattle	$172,569,337
409,714	Calves	4,246,720
6,619,018	Hogs	107,838,452
4,441,424	Sheep	23,432,034
91,411	Horses	15,521,000
14,491,372	Total	$323,607,543

252,712 carloads.

RECORD OF LARGEST RECEIPTS.

Largest receipts of stock in one day:

Cattle, Nov. 16, 1903	49,128
Calves, May 1, 1906	9,284
Hogs, Feb. 10, 1908	87,716
Sheep, Sept. 29, 1902	59,362
Horses, March 6, 1905	2,177
Cars, Jan. 11, 1904	3,228

LARGEST RECEIPTS OF STOCK IN ONE WEEK.

Cattle, week ending Sept. 19, 1891	95,524
Calves, week ending May 21, 1905	15,910
Hogs, week ending Nov. 20, 1880	300,488
Sheep, week ending Oct. 6, 1906	179,490
Horses, week ending March 11, 1905	4,768
Cars, week ending Dec. 13, 1902	8,474

LARGEST RECEIPTS OF STOCK IN ONE MONTH.

Cattle, September, 1892	385,466
Calves, April, 1907	62,759
Hogs, November, 1880	1,111,997
Sheep, October, 1905	690,956
Horses, March, 1905	18,448
Cars, December, 1891	31,910

LARGEST RECEIPTS OF STOCK IN ONE YEAR.

Cattle, 1892	3,571,796
Calves, 1907	421,934
Hogs, 1898	8,817,114
Sheep, 1906	4,805,449
Horses, 1905	127,250
Cars, 1890	311,557

STATISTICS OF THE UNION STOCK YARDS, Chicago.

DAILY CAPACITY:

75,000 Cattle, 300,000 Hogs,
125,000 Sheep, 6,000 Horses.

AREA.

Yard area	500 Acres
Area bricked	450 Acres
Length of railroad tracks	300 Miles
Length of streets	25 Miles
Number of pens	13,000
No. of double deck or covered pens	8,500
Number of chutes	725
Number of gates	25,000
No. commission and other offices	450

WATER, SEWER AND LIGHTING SYSTEMS.

Daily capacity of great pumps	8,000,000 Gals.
Capacity of reservoirs	10,000,000 Gals.
Capacity of water tower	80,000 Gals.
Water consumed on hot days	7,000,000 Gals.
Length of water-pipe lines	90 Miles
Length of sewer lines	50 Miles
Length of water troughs	25 Miles
Number of hydrants	10,000
Number of artesian wells	6
Average depth of artesian wells	2,250 Feet
L'gth of elec. light wire in service	50 Miles
Number of arc lamps in service	450
No. of incand'nt lamps in service	10,000
Horse power of engines in lighting and power plant	2,250

CHICAGO WARD BOUNDARIES.

As fixed by the redistricting ordinance of Jan. 7, 1901.

1. Chicago river, 22d street, lake.
2. Twenty-second street, Clark, 26th, Princeton, 32d, Calumet, 33d, lake.
3. Thirty-third street, Calumet, 32d, Parnell, 39th, lake.
4. River, Loomis, 31st, Centre, 32d place, Morgan, 33d, Halsted, 33d, Parnell, 32d, Princeton, 26th, Clark, 22d.
5. River, Illinois and Michigan canal, West 39th, Parnell, 33d, Halsted, 33d, Morgan, 32d place, Centre, 31st, Loomis.
6. Hyde Park town line (39th), State, 51st, Cottage Grove, 52d, lake.
7. Fifty-second street, Cottage Grove, 51st, State, 71st, lake.
8. Seventy-first street, Stony Island avenue projected through to the intersection of the east line of sections 26 and 35, township 37 north, range 14, along said section line to city limits, 138th street, Indiana state line, lake.
9. West 12th, Morgan, 18th, Morgan, river.
10. West 12th, Laflin, river, Morgan, 18th, Morgan.
11. West Taylor, Cypress, 12th, Hoyne, Illinois and Michigan canal, Laflin.
12. West 12th, Homan, Ogden, Clifton Park avenue, 24th, Central Park avenue, Illinois and Michigan canal, Hoyne.
13. Washington, Homan, Kinzie, 40th avenue, 12th street, Western.
14. West Chicago avenue, Homan, Washington, Ashland.
15. North avenue, Kedzie, Chicago avenue, Ashland, Division, Robey.
16. West Fullerton, Robey, Division, river.
17. West Division, Ashland, Kinzie, river.
18. West Kinzie, Ashland, Madison, Centre, Van Buren, river.
19. West Van Buren, Loomis, Taylor, Laflin, 12th, river.
20. Ashland-av., Washington, Western, 12th, Cypress, Taylor, Loomis, Van Buren, Centre, Madison.
21. North avenue, Sedgwick, Division, Wells, river, lake.
22. North avenue, river, Wells, Division, Sedgwick.
23. Fullerton, Halsted, Center, Racine, Clybourn, river, North avenue, lake.
24. Belmont, river, Clybourn, Racine, Center, Halsted, Fullerton, Racine.
25. Indian boundary line, Howard, Ridge road, Devon, Clark, Irving Park boulevard (Graceland avenue), Racine, Fullerton, lake.
26. Howard street projected, Kedzie projected, Devon projected, Western, Belmont, Racine projected, Irving Park boulevard, Clark, Devon, Ridge.
27. West Devon, 64th projected, city limits, Bryn Mawr projected, 60th projected, Irving Park boulevard, 72d projected, North avenue, Kedzie, Diversey, river, Belmont, Western.
28. Diversey, Kedzie, North avenue, Robey, Fullerton, river.
29. West 39th street projected, 48th avenue projected, 55th street, Halsted.
30. West 39th, Halsted, 55th, State.
31. West 55th, 48th avenue, 87th, Western, 79th, Loomis, 63d, State.
32. West 63d, Loomis, 79th, Western, 107th, Halsted, 103d, Stewart, 99th, State.
33. Seventy-first, State, 99th, Stewart, 103d, Halsted, 111th, Peoria, 115th, Ashland, 123d, Halsted, city limits, east line of sections 35 and 26, township 37 north, range 14, Jackson Park avenue projected.
34. West Kinzie, 46th avenue, 39th street projected, Illinois and Michigan canal, Central Park avenue, 24th street, Clifton Park avenue, Ogden, Homan, 12th street, 40th avenue.
35. West North avenue, Austin avenue, 12th, 46th avenue, Kinzie, Homan, Chicago, Kedzie.

CHICAGO AND CALUMET HARBOR LIGHTS AND FOG SIGNALS.

CHICAGO HARBOR—LIGHTS.

On the southerly end of the northerly inner breakwater, a fixed red light in gray conical metal tower 31½ feet high; light visible 9¾ miles.

On the northerly end of the inner breakwater, a fixed white light from lens lantern shown from top of white post 19 feet high.

On the easterly end of the north pier at the entrance of Chicago river, a fixed red light shown from lens lantern on post 22 feet high; with the next light it forms a range showing the direction of the piers and course for entering the harbor.

On the north pier, near its easterly end, at the entrance to Chicago river, a fixed white light, in gray framework tower 27 feet high; light visible 13 miles.

In 30 feet of water, inside of and near the southeasterly end of the outer breakwater; flashing alternately red and white; interval between flashes, 10 seconds; red conical tower on rock-faced masonry tower, 59½ feet high; light 67½ feet above lake level and visible 16 miles.

On the northwesterly end of the outer breakwater, a fixed red light, shown from lens lantern in gray skeleton metal tower 19 feet high; height of lantern above lake level 55 feet.

CHICAGO HARBOR—FOG SIGNALS.

On the north pier in front of and attached to the light tower, a bell, struck by machinery, a double and single blow alternately with intervals of 20 seconds.

At the light tower near the southeasterly end of the outer breakwater, a 10-inch steam whistle; blasts 5 seconds, silent intervals 25 seconds.

CALUMET HARBOR—LIGHTS.

Calumet bar gas buoy, moored in 21 feet of water, on the northerly end of the Calumet bar; fixed white light with 10-second eclipse, shown from lens lantern.

On the southeasterly end of the new breakwater, a fixed white light, shown from buff metal tower 34 feet high; light visible 13½ miles.

On the outer end of the north pier, entrance to the mouth of the Calumet river and South Chicago harbor and about 11 miles southeasterly from the Chicago breakwater, a fixed red light, shown from gray cylindrical tower 30 feet high; light visible 13 miles.

CALUMET HARBOR—FOG SIGNALS.

At the breakwater tower, a first-class compressed-air siren which sounds thus: Blast, 3 seconds; silent interval, 12 seconds; blast, 3 seconds; silent interval, 42 seconds.

At the north pier light, a bell struck by machinery every 20 seconds.

POSTMASTERS OF CHICAGO.

No.	Name.	Appointed.	Died.
1.	Jonathan N. Bailey	1831	1850
2.	John S. C. Coates	1832	1868
3.	Sydney Abell	1837	1863
4.	William Stuart	1841	1878
5.	Hart L. Stewart	1845	1883
6.	Richard L. Wilson	1849	1856
7.	George W. Dole	1850	1860
8.	Isaac Cook	1853	1886
9.	William Price	1857	1895
10.	Isaac Cook	1858	1886
11.	John L. Scripps	1861	1866
12.	Samuel Hoard	1865	1881
13.	Thomas O. Osborne	1866	....
14.	Robert A. Gillmore	1866	1867
15.	Francis T. Sherman	1867	1905
16.	Francis A. Eastman	1869	....
17.	John McArthur	1872	1906
18.	Francis W. Palmer	1877	1907
19.	Solomon C. Judd	1885	1895
20.	Walter C. Newberry	1888	....
21.	James A. Sexton	1889	1899
22.	Washington Hesing	1893	1897
23.	Charles U. Gordon	1897	....
24.	F. E. Coyne	1901	....
25.	Fred A. Busse	1905	....
26.	Daniel A. Campbell	1907	....

Western Vaudeville Managers' Association.

C. E. BRAY, General Manager.

Entire Third and Eleventh Floors

Majestic Theater Building, Chicago, Ill.

Private Exchange, Central 6480

GEORGE CASTLE, President.

C. E. BRAY, Secretary, Treasurer and General Manager.

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MARTIN BECK. M. C. ANDERSON.
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C. S. HUMPHREY,
THOMAS BURCHILL,
WALTER DE ORIA,
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ETHEL ROBINSON, Fair and Band Dept.
HARRY ROBINSON, Club Dept.
Lyceum and Chautauqua Dept.
J. C. ELIAS, Auditor.
B. W. CORTELYOU, Assistant to Gen. Mgr.

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Bijou Theater Building.
WILL R. MARSHALL, Manager.

St. Louis, Mo.,
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OSCAR DANE, Manager.

The Western Vaudeville Managers' Association, the largest organization of its kind in the world, books the acts for the following vaudeville theaters, located in Chicago and throughout the middle west. In addition it has special departments whose purpose is to supply attractions for clubs, private entertainments, lyceum and chautauqua programmes, parks, county fairs, agricultural exhibitions—in fact, every known form of entertainment:

Folly, Oklahoma City, Okla.
Princess, Wichita, Kas.
Orpheum, Leavenworth, Kas.
Columbia, Kansas City, Kas.
Novelty, Topeka, Kas.
Orpheum, Champaign, Ill.
Lyric, Danville, Ill.
Family, Moline, Ill.
Family, Rock Island, Ill.
Family, Clinton, Iowa.
Garrick, Burlington, Iowa.
Garrick, Ottumwa, Iowa.
Family, Muscatine, Iowa.
Bijou, Iowa City, Iowa.
Gaiety, South Chicago, Ill.
Kedzie, Chicago.
Star, Chicago.
Grand, Chicago.
Casino, Chicago.
Circle, Chicago.
Trevett, Chicago.
Lyda, Chicago.
Verdi, Chicago.
Ashland, Chicago.
Plaza, Chicago.
Academy, Chicago.
Arch, Chicago.
Columbia, Chicago.
Pastime, Chicago.
Victoria, Chicago.
Foster, Chicago.
Majestic, Cedar Rapids, Iowa.
Temple, Fort Wayne, Ind.
Empire, Milwaukee, Wis.
Columbia, Milwaukee, Wis.
Family, Lafayette, Ind.
New Majestic, Dubuque, Iowa.
Bijou, Quincy, Ill.
Gaiety, Springfield, Ill.
Bijou, Decatur, Ill.
Majestic, Kalamazoo, Mich.
Bijou, Battle Creek, Mich.
Bijou, Jackson, Mich.
Majestic, Ann Arbor, Mich.
Jeffers, Saginaw, Mich.
Bijou, Bay City, Mich.
Bijou, Lansing, Mich.
Bijou, Flint, Mich.
Orpheum, Rockford, Ill.
Majestic, Madison, Wis.
Lyric, Kensington, Ill.
Grand, Blue Island, Ill.
Barrison, Waukegan, Ill.
Bijou, Kenosha, Wis.
Bijou, Racine, Wis.
Bijou, Appleton, Wis.
Bijou, Green Bay, Wis.
Bijou, Marinette, Wis.
Crystal, Manitowoc, Wis.
Orpheum, South Bend, Ind.
Lyric, Elkhart, Ind.
Orpheum, Gary, Ind.
Century, Mishawaka, Ind.
Fox, Goshen, Ind.
Winamac, Winamac, Ind.
Gem, St. Louis, Mo.
Bijou, St. Louis, Mo.
Majestic, Chillicothe, Ill.
Orpheum, Peoria, Ill.
Dempsey's, Peoria, Ill.
Empire, Morris, Ill.
Orpheum, Freeport, Ill.
Opera House, Charleston, Ill.
Virginian, Hoopeston, Ill.
Star, Watseka, Ill.
Majestic, LaSalle, Ill.
Electra, Nevada, Iowa.
Lyric, Beatrice, Neb.
Vaudette, Boone, Iowa.
Lyric, Oelwein, Iowa.
Colonial, Marshalltown, Iowa.
Princess, St. Paul, Minn.
Star, Des Moines, Iowa.
Lyric, Des Moines, Iowa.
Crystal, Waterloo, Iowa.
Empire, Fort Dodge, Iowa.
Comet, Red Oak, Iowa.
Comet, Creston, Iowa.
Comet, Albia, Iowa.
Unique, Oskaloosa, Iowa.
Nemo, Belle Plain, Iowa.
Calumet, South Chicago, Ill.
Majestic, Council Bluffs, Iowa.
Opera House, Carroll, Iowa.
Empire, Decorah, Iowa.
Deadwood, Deadwood, N. D.
Fortune, Sioux Falls, S. D.
Unique, Grand Forks, S. D.
Lyceum, Thief River Falls, Minn.
Star, Fergus Falls, Minn.
Family, Cresco, Iowa.
Electric, Mount Ayr, Iowa.
Colonial, Knoxville, Iowa.
Majestic, Winterset, Iowa.
Dreamland, Warren, Minn.
Iris, Lead, S. D.
Electric Park, Waterloo, Iowa.
Airdome Co., St. Louis, Mo.
Riverside Park, Saginaw, Mich.
Wenona Beach, Bay City, Mich.

MANUFACTURES IN CHICAGO (1905).

Industries in which the value of the product was less than $100,000 not included. From report of the census bureau.

Industry.	Value of product.
Artificial feathers and flowers	$217,362
Artists' materials	404,341
Automobiles	324,710
Awnings, tents and sails	2,659,135
Babbitt metal and solder	1,007,297
Bags, other than paper.	808,784
Bak'g and yeast powders	3,890,258
Belt'g and hose, leather	1,055,050
Blacking	396,674
Bluing	130,523
Bookb'd'g, blankbooks	2,502,776
Boots and shoes	5,592,684
Boxes, cigar	478,266
Boxes, fancy and paper.	2,825,271
Boxes, wooden packing.	5,952,188
Brass	414,402
Brass castings and finishing	1,882,985
Brassware	897,690
Bread and bak'y prod'ts	20,653,538
Brick and tile	1,572,658
Brooms and brushes	1,048,318
Butter, reworking	1,501,069
Canning and preserving.	156,760
Carpets, rag	212,302
Carriage and wagon materials	122,100
Carriages and sleds, children's	322,150
Carriages and wagons	3,953,921
Cars and shop repairs	11,171,554
Cars for street railroad.	1,109,756
Cars, steam railroad	23,798,900
Cash registers, calculating machines	321,015
Chemicals	1,724,275
Cleansing preparations	259,862
Clothing, men's	53,230 436
Clothing, women's	11,636,818
Coffee and spices	15,563,301
Coffins, undert'r's goods.	1,297,343
Confectionery	6,550,183
Cooperage	3,084,473
Coppersmithing, sheet-iron working	4,393,371
Cordials and sirups	485,926
Cork cutting	180,968
Corsets	558,694
Cutlery and edge tools	447,146
Dairymen's supplies	270,950
Dentists' materials	115,150
Druggists' preparations.	1,205,626
Dyeing	101,919
Electrical supplies	16,291,546
Electroplating	327,058
Engraving	375,824
Engraving, steel	760,932
Engraving, wood	196,124
Fancy articles, not specified	1,649,747
Flags and banners	109,300
Flavoring extracts	1,451,654
Flour and grist mill products	3,919,276
Food preparations	3,228,835
Foundry and machine-shop products	51,774,695
Foundry supplies	232,500
Fur goods	1,420,558
Furnish'g goods, men's.	3,502,769
Furniture	17,488,257
Furs, dressed	146,780
Galvanizing	103,580
Gas and lamp fixtures	2,257,653
Gas machines & meters	176,159
Glass, cutting, staining, ornamenting	$1,309,906
Gloves and mittens, leather	1,511,086
Glue	2,318,182
Gold and silver, leaf and foil	222,640
Gold and silver refining.	1,448,276
Grease and tallow	2,302,938
Hairwork	346,264
Hand-knit goods	150,688
Hand stamps	232,906
Hardware	3,290,849
Hats and caps, not felt, straw or wool	1,027,218
Hosiery and knit goods.	1,158,526
House-furnishing goods	942,200
Ice, manufactured	349,033
Ink, printing	257,200
Ink, writing	429,052
Instruments, professional, scientific	519,307
Iron and steel, rolling mills	24,839,623
Iron and steel, bolts, nuts, washers	321,096
Iron and steel, doors and shutters	259,983
Iron and steel, forgings.	1,138,300
Iron and steel, nails and spikes	405,225
Jewelry	1,745,875
Jewelry and instrument cases	131,762
Labels and tags	324,096
Lamps and reflectors	227,696
Lapidary work	140,500
Leather goods	1,129,031
Leather, tanned	9,420,426
Lime	470,318
Liquors, malt	16,983,421
Lithographing	1,391,852
Looking glass and picture frames	5,045,414
Lumber, planing mill products	13,855,883
Malt	7,983,970
Marble and stone work.	2,869,176
Mattresses and spring beds	1,753,342
Millinery and lace goods	4,788,212
Mineral and soda water	1,027,646
Mirrors	1,179,373
Models and patterns	493,565
Monuments and tombstones	486,644
Mucilage and paste	425,047
Musical instruments, not specified	663,284
Musical instruments, organs	303,949
Musical instruments, pianos	7,260,075
Musical instrument materials	923,702
Nets and seines	238,376
Oil, linseed	4,811,770
Oil, not specified	372,518
Oleomargarine	3,335,223
Optical goods	294,361
Paints	8,863,216
Paper goods, not spec'd	780,628
Patent medicines	9,627,664
Paving materials	301,015
Perfum'y and cosmetics	1,108,761
Photographic materials.	754,629
Photoengraving	$1,324,428
Pickles and preserves	3,703,377
Pipes, tobacco	114,224
Plumbers' supplies	3,872,804
Pottery, terra cotta, clay products	800,612
Printing, book and job.	26,200,564
Printing, music	579,417
Printing, newspapers and periodicals	21,597,388
Printing materials	358,710
Pumps, not steam	198,905
Refrigerators	173,924
Regalia, banners, emblems	273,966
Roofing materials	1,088,778
Rubber and elastic goods	2,807,589
Saddlery and harness	1,935,660
Sausage	967,476
Saws	1,024,249
Scales and balances	300,794
Sewing machines	350,070
Ship and boat building.	244,420
Shirts	1,395,539
Showcases	445,590
Silk and silk goods	735,242
Slaughtering and meat packing, wholesale	262,586,609
Slaughtering, wholesale, not including packing.	6,994,877
Smelting and refining	1,140,036
Soap	13,769,946
Soda water apparatus	1,456,102
Sporting goods	622,142
Springs, steel	703,825
Stamped ware	820,173
Stationery goods, not specified	1,256,297
Statuary and art goods.	510,432
Steam fittings	1,056,422
Steam packing	467,585
Stencils and brands	130,416
Stereotyping and electrotyping	1,164,940
Stoves and furnaces	2,138,248
Structural ironwork	8,279,675
Sugar and molasses refining	1,744,880
Surgical appliances	922,100
Tinware	2,923,368
Tobacco, chewing and smoking	4,229,733
Tobacco, cigars and cigarettes	6,786,889
Tools, not specified	498,610
Toys and games	269,477
Trunks and valises	1,958,653
Typefounding	808,953
Typew'ters and supplies	372,650
Upholstering and materials	1,635,436
Varnishes	3,801,732
Vinegar and cider	617,571
Washing machines and wringers	117,900
Window shades and fixtures	1,445,335
Wirework	544,914
Wood carpet	150,886
Wood, turned and carved	737,596
Woodenware, not specified	321,036
Total in 1905	955,036,277
Total in 1900	797,879,141
Per cent increase	19.7

CHICAGO FIRE DEPARTMENT CHIEFS.

Alex. Lloyd.....1837-1838	C. E. Peck.....1847-1848	S. McBride.....1855-1857	D. J. Swenie....1879-1901
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L. Nicholl.....1840	C. P. Bradley....1850-1851	U. P. Harris.....1859-1867	John Campion....1904-1906
A. Sherman.....1841-1843	U. P. Harris.....1852-1853	R. A. Williams..1867-1873	James Horan.....1906
S. F. Gale.....1844-1846	J. M. Donnelly..1854	Matt. Benner....1873-1879	

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Abrahamson, Rev. L. G.—Royal North Star, Sweden.
Adams, Milward—Legion of Honor, France; Leopold, Belgium; Merit, industrial (commander), Portugal; Nichan Iftikhar (commander), Tunis; Knight of Golden Cross of Order of Our Savior, Greece.
Anderson, John—St. Olaf, Norway.
Andreen, Rev. Gustav—Royal North Star, Sweden.
Birkhoff, George, Jr.—Orange-Nassau (officer), Holland.
Bjorn, Emil—St. Olaf, Norway.
Brosseau, Z. P.—Legion of Honor, France.
Burry, William—Legion of Honor, France.
Chatfield-Taylor, Hobart C.—Isabella the Catholic, Spain; Garter, Spain; St. James, Portugal; Legion of Honor, France; Crown of Italy, Italy.
Cooley, Edwin G.—Francis Joseph, Austria.
Cuneo, Frank—Crown (chevalier), Italy.
Cutting, Starr W.—Crown (class III.), Prussia.
Daae, Dr. A.—St. Olaf, Norway.
Deering, Charles—Legion of Honor, France; Crown (class III.), Prussia.
D'Urso, Luigi—Crown (chevalier), Italy.
Eddy, Arthur J.—Red Eagle (class III.), Prussia.
Enander, John A.—Gold medal, Litteris et Artibus, Sweden.
Ericson, John E.—Vasa, Sweden.
Fischer, Gustave F.—Red Eagle (class IV.), Prussia.
Furber, Harry J.—Legion of Honor, France.
Ganzel, Louis—Crown (class IV.), Prussia.
Gass, Martin—Lion of Zaeringen, Baden.
Gauss, E. F. L.—Crown (class IV.), Prussia.
Grevstad, Nicolay—St. Olaf, Norway.
Hachmeister, Henry—Red Eagle (class IV.), Prussia.
Halle, Edward G.—Crown (class II.), Prussia.
Hanson, Christian H.—Dannebrog, Denmark.
Henius, Dr. Max—Danebrog, Denmark.
Henrotin, Charles—Legion of Honor, France; Leopold (chevalier, officer and civic cross), Belgium; commander of Medjidie, Turkey; Osmanie, Turkey.
Henrotin, Mrs. Ellen M.—Leopold, Belgium; Palmes Academiques, France; Officer of Public Instruction, France; Chefakat (Order of Mercy), Turkey.
Hertz, Henry—Danebrog, Denmark.
Hutchinson, Charles L.—Redeemer, Greece.
Judson, Prof. Harry Pratt—Red Eagle (class III.), Prussia; Legion of Honor (officer), France.
Klein, Dr. S. R.—"Goldenes Verdienst Kreuz mit der Krone," "Militar Kreuz" and "Jubilæunis Medaille," Austria; Takova Orden IV. Klasse, Servia.
Klenze, Prof. Camillo von—Red Eagle (class IV.), Prussia.
Kozminski, Maurice W.—Legion of Honor, France.
Kraus, Adolf—Francis Joseph, Austria.
Lagorio, Dr. Antonio—Crown (knight), Italy.
Lindgren, John R.—Royal Order of Vasa, Sweden.
Laverde, Giuseppe—Crown (chevalier), Italy.
Mair, Charles A.—Chamberlain of the Sword and Mantle, pope.
Mareschalchi, Arturo—Crown (chevalier), Italy.
Merou, Henri—Legion of Honor, France.
Miller, Harry I.—Order of the Sacred Treasure, Japan.
McCormick, R. S.—Order of St. Alexander of Nevsky, Russia.
McCormick, Mrs. R. S.—Chefakat (Order of Mercy), Turkey.
McEwen, Walter—Legion of Honor, France.
Onahan, William J.—Chamberlain of the Sword and Mantle, pope.
Ortengren, John R.—Vasa, Sweden.
Palmer, Mrs. Potter—Legion of Honor, France; Leopold, Belgium.
Peterson, William A.—Vasa, Sweden.
Quales, Niles T.—St. Olaf, Norway.
Reichle, C.—Crown (class IV.), Prussia.
Revell, Alexander H.—Legion of Honor (chevalier), France.
Rubens, Harry—Crown (class III.), Prussia.
Schinkel, C.—Crown (class IV.), Prussia.
Schlenker, Joseph—Frederick (class II.), Wurttemberg; Crown (class IV.), Prussia.
Schmidt, William—Crown (class IV.), Prussia.
Skiff, Frederick J. V.—Sanctified Treasure (class II.), Japan; Legion of Honor (commander), France; Crown, Italy; Leopold, Belgium.
Smulski, John F.—Cross of Knightly Order of Francis Joseph, Austria.
Tree, Lambert—Leopold (commander), Belgium.
Urbano, Salvatore—Crown (chevalier), Italy.
Urgos, Francesco—Crown (chevalier), Italy.
Volini, Dr. Camillo—Crown (knight), Italy.
Wever, Dr. Walther—Crown (class III.), Prussia; Red Eagle (class IV.), Prussia; Ernestine House Order (class I.), Saxe-Weimar.
Zimmerman, Dr. Gustav—Red Eagle (class III.), Prussia.

CITY TREASURERS SINCE 1837.

Hiram Pearsons	1837-1838	Charles H. Hunt	1860
George W. Dole	1839	W. H. Rice	1861-1862
Walter S. Gurnee	1840, 1843-1844	David A. Gage	1863-1864, 1869-1873
N. H. Bolles	1840-1841	A. G. Throop	1865-1866
Wm. L. Church	1845-1846, 1848-1849	Willard F. Wentworth	1867-1869
Andrew Getzler	1847	Daniel O'Hara	1873-1875
Edward Manierre	1850-1853	Clinton Briggs	1876
Uriah P. Harris	1854	Charles R. Larrabee	1877-1878
William F. DeWolf	1855	William C. Seipp	1879-1881
O. J. Rose	1856	Rudolph Brand	1881-1883
C. N. Holden	1857	John M. Dunphy	1883-1885
Alonzo Harvey	1858-1860	William M. Devine	1885-1887
C. Herman Plautz	1887-1889		
Bernard Roesing	1889-1891		
Peter Kiolbassa	1891-1893		
M. J. Bransfield	1893-1895		
Adam Wolf	1895-1897		
Ernst Hummel	1897-1899		
Adam Ortseifen	1899-1901, 1903 1905		
Charles F. Gunther	1901-1903		
Frederick W. Blocki	1905-1907		
John E. Traeger	1907-1909		
Isaac N. Powell	1909-1911		

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The museum is open from 9 a. m. to 5 p. m. on weekdays and from 1 to 5 p. m. on Sundays.

There is no charge for admission. The academy is in co-operation with the public and private schools of the city in the promotion of nature study and scientific courses of instruction. Lecture courses, classroom instruction and laboratory work are given at the academy for the benefit of teachers, children and members. Field excursions are conducted during the fall and spring months and museum material is loaned to the schools.

CHICAGO STREET GRADES.

The grade of the streets in the central portion of Chicago has been raised three times. In 1855 it was raised from 2½ to 3 feet above the then existing surface, and it was again raised by about the same amount in 1857 and 1872, making the present level fourteen feet above "city datum," which is the low-water mark of the lake in 1847.

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Calumet—Michigan avenue and 20th street; president, Thomas A. Woodruff; secretary, Alonzo N. Benn.
Caxton—203 Michigan avenue; president, E. L. Millard; secretary, Clarence Burley.
Chicago Athletic Association—125 Michigan avenue; president, Everett C. Brown; secretary, F. Y. Coffin.
Chicago Architectural—84 Adams street; president, Elmo C. Lowe; secretary, George Awsumb.
Chicago Automobile—15 Plymouth court; president, Ira M. Cobe; secretary, C. A. McDonald.
Chicago Camera Club—87 Lake street; president, F. B. Noyes; secretary, H. A. Langston.
Chicago Club—Michigan avenue and Van Buren street; president, John S. Runnells; secretary, W. R. Odell.
Chicago Cycling—1615, 84 Van Buren street; president and secretary, C. A. Nathan.
Chicago Newspaper—91 South Clark street; president, Robert M. Buck; secretary, Ray H. Leek.
Chicago Woman's—203 Michigan avenue; president, Mrs. John O'Connor; corresponding secretary, Miss E. Grace Dixon.
Chicago Woman's Aid—Indiana avenue and 21st street; president, Mrs. Jesse Lowenhaupt; corresponding secretary, Mrs. Henry X. Strauss, 4200 Drexel boulevard.
Chicago Yacht—Foot of Monroe street; outer harbor; commodore, Dr. W. L. Baum; secretary, A. S. Clark.
City Club—228 Clark street; president, Dr. Henry E. Favill; secretary, Spencer L. Adams; civics secretary, George E. Hooker.
Cliff Dwellers—169 Michigan avenue; president, Hamlin Garland; secretary, Ralph Clarkson.
Colonial Club of Chicago—4445 Grand boulevard; president, R. F. Morrow; secretary, H. B. Chichester.
Columbia Yacht—Lake front, foot of Randolph street; commodore, W. Y. Perry; secretary, Irving M. Orr.
Commercial—President, David R. Forgan; secretary, Edward F. Carry.
Edgewater Country—5658 Winthrop avenue; president, F. M. Button; secretary, W. E. Cloyes.
Englewood—6323 Harvard avenue; president, Harry A. Lewis; secretary, W. B. Page.
Englewood Woman's Club—6732 Wentworth avenue; president, Mrs. H. A. Morgan; secretary, Mrs. C. A. Shearman.
Farragut Yacht Club—Lake shore, foot of 33d street; commodore, W. E. Robinson; secretary, O. R. Meurk.
Fortnightly—Fine Arts building; president, Mrs. H. M. Kennedy; corresponding secretary, Mrs. Edwin F. Bayley.
Forty Club—President, Wilbur D. Nesbit; secretary, Charles H. Burras.
Germania Mannerchor—106 Germania place; president, Dr. E. Saurenhaus; secretary, Arthur Hercz
Hamilton—Northwest corner Clark and Monroe streets; president, John H. Batten; secretary, M. O. Slocum.
Illinois Athletic—145 Michigan avenue; president, Edward C. Racey; secretary, F. M. Gordon.
Illinois—113 South Ashland boulevard; president, Harvey T. Weeks; secretary, Fred W. Edwards.
Industrial—President, William A. Gardner; secretary Hugh McB. Johnston.
Iroquois—119-121 LaSalle street; president, James G. Condon; corresponding secretary, A. F. Reichman.
Kenwood—Lake avenue and 47th street; president, Robert Kirkland; secretary, William A. Thrall.
Kenwood Country—Drexel boulevard and 48th street; president, Walter F. Slocum; secretary, E. M. Ashcraft, Jr.
Kilo—14 Monroe street; president, Mrs. George E. Colby; secretary, Mrs. Lida T. Boughton.
Lincoln—128 North California avenue; president, S. B. Mills; secretary, C. E. Munger.
Marquette—Dearborn avenue and Maple street; president, William B. Austin; secretary, Hugh Patterson.
Mid-Day—First National Bank building, 17th floor; president, John A. Spoor; secretary, J. L. Cochran.
Nike—22 Oakwood boulevard; president, Miss Samuella Crosby; secretary, Miss Irene Crandall.
Oak Park—President, W. H. Burn; secretary, Albert F. Storke.
Oaks—Lake street and Waller avenue; president, P. V. Castle; secretary, H. H. Rearden.
Pickwick Country—Lombard; president, John M. Glenn; secretary, Fred L. Rossback.
Playgoers'—President, Dr. N. I. Rubinkam; secretary, Mrs. L. H. Manson, 4531 Sheridan road.
Press Club—116 Dearborn street; president, Charles H. Sergel; secretary, W. F. Nutt.
Quadrangle—Lexington avenue and 58th street; president, R. F. Meechem; secretary, J. W. Linn.
Rotary—79 Dearborn street; secretary, John W. Marshall.
Saddle and Cycle—Sheridan road and Foster avenue; president, John S. Runnells; secretary, W. McCormick Blair.
South End Woman's—President, Mrs. E. Bishop; corresponding secretary, Mrs. Frank Chute.
South Shore Country—Lake shore and 67th street; president, Frederick Bode; secretary, Charles E. Willard.
Southern—118 Dearborn street; president, John Glass; secretary, William P. Dawson.
Standard—Michigan avenue and 24th street; president, Sol Kline; secretary, Emanuel Hartman.
Swedish Club of Chicago—1258 LaSalle avenue; president, C. S. Peterson; secretary, Axel Hulten.
Town and Country—1196 Washington boulevard; president, Nathan A. Welch; secretary, Charles H. Gary.
Twentieth Century—President, Franklin H. Head; secretary, William M. Payne, 2246 Michigan avenue.
Union—12 Washington place; president, George F. Porter; secretary, Harold O. Crane.
Union League—Jackson boulevard and Federal street; president, John E. Wilder; secretary, Walter D. Herrick.
Union Printers'—Howland block, Monroe and Dearborn; president, William H. Bowne; secretary, J. C. Larson.
Universal—President, Louis Grollman; recording secretary, Oliver Salinger, 4148 Grand boulevard.
University—Michigan avenue and Monroe street; president, George S. Isham; secretary, E. S. Rogers.
Waupanseh—4045 Drexel boulevard; president, Walter E. Beebe; secretary, M. O. Smith.
West End Woman's—35 South Ashland boulevard; president, Mrs. W. S. Heath; corresponding secretary, Mrs. J. C. Wintermeyer.
Woman's Athletic—237 Michigan avenue; president, Mrs. Frederick W. Upham; secretary, Mrs. Will H. Lyford.
Woman's City—1212 Masonic Temple; president, Mrs. Mary H. Wilmarth; secretary, Mrs. E. L. Murfey.
Woodlawn Park—64th street and Woodlawn avenue; president, J. W. Stevenson; secretary, J. V. Painter.
Woodlawn Woman's—President, Mrs. E. R. Tyrrell; corresponding secretary, Dr. Mary J. Train.
Young Fortnightly—925, 203 Michigan avenue; president, Miss Marguerite Hately; corresponding secretary, Miss Martha Carver.

SOCIETIES OF PIONEERS.

Chicago Pioneers' Sons and Daughters—President, Frank W. Smith; recording secretary, George H. Fergus; corresponding secretary, John S. Zimmerman, 157 Michigan avenue.
Old Time Printers' Association—President, Michael Kearns; secretary, William Mill.
Pioneers of Chicago—President, Fernando Jones; Secretary, George H. Fergus, 22 Lake street.
Western Association of California Pioneers—President, Giles Strong; secretary, George W. Hotchkiss, 1509, 315 Dearborn street.

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ORO-THYOL (liquid)

for cleansing the mouth, and as a gargle and spray for sore throat.

It is antagonistic to all germs—the cause of most sickness—which enter the system through the mouth.

It is not injurious to delicate tissue.

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GENERAL NATIONAL AND INTERNATIONAL ASSOCIATIONS.

American Bankers' Association—President, F. O. Watts, Nashville, Tenn.; secretary, F. E. Farnsworth, New York, N. Y.

American Institute of Banking—President, R. H. McMichael, Pittsburg, Pa.; secretary, C. H. Marston, Shawmut National bank, Boston, Mass.

American Federation of Arts—President, C. L. Hutchinson, Chicago, Ill.; secretary, F. D. Millet, New York, N. Y.

American National Red Cross Society—President William H. Taft, Washington, D. C.; secretary, Charles L. Magee; general director, Ernest P. Bicknell, Washington, D. C.

American Press Humorists—President, Cy Warman, Montreal; secretary-treasurer, Newton Newkirk, Boston Post, Boston, Mass.

General Federation of Women's Clubs—President, Mrs. Philip N. Moore, St. Louis, Mo.; recording secretary, Mrs. Henry H. Dawson, New Jersey; corresponding secretary, Mrs. Frank N. Sheik, Wyoming.

Indian Rights Association—Corresponding secretary, Herbert Welsh, 708-709 Provident building, Philadelphia, Pa.

National Council of Women—President, Mrs. L. M. Hollister, Detroit, Mich.; corresponding secretary, Mrs. Flo Jamison Miller, Wilmington, Ill.

Individual and Social Justice League of America—President, Rev. John Wesley Hill, New York, N. Y.; treasurer, Herman A. Metz, New York, N. Y.

International Reform Bureau—206 Pennsylvania avenue, S. E., Washington, D. C.; superintendent and treasurer, Dr. Wilbur F. Crafts; devoted to suppression of intemperance, impurity, sabbath breaking, gambling and kindred evils.

International Labor Office—Basle, Switzerland; secretary of American Association for Labor Legislation, John B. Andrews, Metropolitan building, New York, N. Y.

International Committee on Social Insurance—General secretary, E. Fusted, Paris, France.

International Conference on Occupational Diseases—Dr. Charles R. Henderson, University of Chicago.

International Conference on Unemployment—Secretary, Max Lazard, Paris, France.

International Committee on Public and Private Relief—Secretary, G. Rondel, Paris, France.

International Union of Criminal Law—Secretary of American Institute of Criminal Law and Criminology acts as secretary of American group; Harry E. Smoot, 59 Clark street, Chicago, Ill.

Irish League of America—President, Michael J. Ryan, Philadelphia, Pa.; secretary, John O'Callaghan, Boston, Mass.

League of American Municipalities—Secretary-treasurer, John MacVickar, Des Moines, Iowa.

National Academy of Design—President, John W. Alexander, New York, N. Y.

National Children's Home Society—President, Dr. C. R. Henderson, Chicago, Ill.; secretary, Dr. H. H. Hart, 105 East 22d street, New York, N. Y.

National Civic Federation—President, Seth Low, New York, N. Y.; chairman executive council, Ralph M. Easley, New York, N. Y.

National Conference of Charities and Correction—President, Dr. Homer Folks, New York, N. Y.; secretary, Alexander Johnson, Indianapolis, Ind.

National Conservation Association—President, Gifford Pinchot; secretary, Thomas R. Shipp, Indianapolis, Ind.

National League for the Protection of the Family—President, Seth Low, New York, N. Y.; corresponding secretary, Rev. Samuel W. Dike, Auburndale, Mass.

National Mothers' Congress—President, Mrs. Frederick Schoff, Philadelphia, Pa.; corresponding secretary, Mrs. James H. McGill, Washington, D. C.

Universal Peace Union—President, Alfred H. Love, Philadelphia, Pa.; secretary, David H. Wright, Riverton, N. J.

American Prison Association—President, T. B. Patton, Huntingdon, Pa.; secretary, Joseph P. Byers, East Orange, N. J.

National Woman's Suffrage Association—President, Anna Howard Shaw, Moylan, Pa.; corresponding secretary, Kate M. Gordon, New Orleans, La.

National Woman's Christian Temperance Union—President, Mrs. Lillian M. N. Stevens, Portland, Me.; corresponding secretary, Mrs. Frances P. Parks, Illinois.

Playground Association of America—President, Joseph Lee, Boston; secretary, E. S. Braucher, New York, N. Y.

FIELD MUSEUM OF NATURAL HISTORY.

President—Stanley Field.
Vice-Presidents—Martin A. Ryerson, Watson F. Blair.
Director of the Museum and Secretary—Frederick J. V. Skiff.
Treasurer—Byron L. Smith.
Auditor and Assistant Secretary—D. C. Davies.

The Field museum of natural history, established in 1894 at the close of the World's Columbian exposition of 1893, occupies the temporary building erected for fine arts in Jackson park, the exposition site. The founding of a scientific institution of this character in Chicago was made possible by the gift of $1,000,000 by Marshall Field, who on his death (Jan. 16, 1906) bequeathed the institution a further $8,000,000, $4,000,000 for the erection of a permanent building and $4,000,000 for endowment. In addition $500,000 has been donated by other individuals and there is an annual income from other sources than endowment of about $25,000. The citizens of Chicago have confirmed legislative provision for the levy of a tax for the maintenance of the museum when a new building shall have been erected, which it is estimated will eventually produce approximately $100,000 per annum.

The nucleus of the exhibition material was gathered by gift and purchase at the World's Columbian exposition. Most of this material, however, has since been rearranged, readapted or discarded. Several departments created at the organization have been abandoned, until, after the lapse of eleven years and the expenditure of over $2,000,000, the museum is now divided into four departments—namely, anthropology, botany, geology and zoology. Many expeditions for the purpose of obtaining study, exhibition and exchange material and data have been dispatched to all parts of North America and to different countries. The results of these expeditions, investigations and researches have been published by the museum from time to time, which publications have been distributed to kindred societies and institutions both at home and abroad. Two courses of free lectures are given annually. The museum has a working library of about 53,000 titles, an extensive exchange system, fully equipped departmental laboratories, a herbarium of 260,000 sheets, study collections in mammals and birds reaching many thousand specimens, a large two-story taxidermy section, a well-equipped printing shop, illustration studios and assaying and lapidary rooms. In North American ethnology, in the world's mineralogy, in economic botany the museum is particularly prominent, while its series of mounted mammals furnish examples of advanced museum methods. The present main building covers nine acres and is open to the public on all days except Christmas and Thanksgiving. An admission fee of 25 cents is charged except on Saturdays and Sundays, when admission is free to all. Students, scholars and teachers are admitted free at all times.

The museum is incorporated under state law and the administrative control rests in a board of trustees with president, secretary, etc. The executive of the museum is the director, under whom there are four head curators with divisional assistant curators, preparators, etc. The entire museum records, the accessions system, the historical files, publications and supplies are in charge of a recorder.

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Go where rest and health await you. You will be yourself again in a week or two. Then you will enjoy the business struggle and the social whirl. In your present physical condition it may be too much for you. So come now to

French Lick West Baden Springs

The very air is invigorating. And golf, horseback riding, driving and the outdoor and indoor attractions add spice to your stay, while the waters at "America's Fountain of Youth" fill you with energy, ambition and push.

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MONON ROUTE

RELIGIOUS SOCIETIES IN CHICAGO.

Including church clubs, ministerial associations and general organizations.

American Bible Society—206, 42 Madison street; secretary, J. F. Horton.
American Federation of Catholic Societies (Cook County Branch)—President, Michael F. Girten, 5827 Princeton avenue.
American Sunday School Union—1012, 153 LaSalle street; superintendent, Rev. G. P. Williams.
Baptist Ministers' Conference—613 Masonic Temple; meetings, Monday forenoons.
Baptist Young People's Union (Chicago)—Secretary, Rev. George T. Webb, 168 Wabash avenue.
Catholic Woman's League of Chicago—Recording secretary, Miss Lily M. Compher, 4908 Wabash avenue.
Chicago Baptist Brotherhood—President, J. Grafton Parker; secretary, O. S. Edwards.
Chicago Baptist Social Union—Secretary, O. V. Stookey, 163 Randolph street.
Chicago Bible Society—206 East Madison street; secretary, Rev. J. F. Horton.
Chicago Christian Endeavor Union—Secretary, Miss Clara A. Sims, 820, 153 LaSalle street.
Chicago Congregational Club—Secretary, A. F. Allen.
Chicago Congregational Sunday School Association—Secretary, Rev. W. F. McMillen, 1008, 153 LaSalle street.
Chicago Methodist Preachers' Meeting—Secretary, Charles A. Briggs; meetings on Monday forenoons in Methodist Church block.
Chicago Methodist Social Union—Corresponding secretary, Stephen B. Jones.
Chicago Society of New Jerusalem—501 Masonic Temple; secretary, Clark S. Reed.
Chicago Sunday Evening Club—President, Clifford W. Barnes; secretary, Philip L. James, 1634, 143 Dearborn street.
Chicago Tract Society—Secretary, Rev. Jesse W. Brooks, 6th floor, 324 Dearborn street.
Concordia League—President, Paul Schulze; secretary, W. B. Laib.
Congregational Ministers' Union—Secretary, Rev. George W. Colman, 326 North Pine avenue; meets on Monday forenoons at 913 Masonic Temple.
Cook County Sunday School Association—803, 140 Dearborn street; chairman executive committee, E. H. Nichols.
Epworth League—Central office, 306, 57 Washington street; general secretary, Rev. E. M. Randall.
Illinois Christian Endeavor Union—820, 153 LaSalle street; president, W. R. Caperley.
Illinois Sunday School Association—140 Dearborn street; secretary, W. B. Jacobs.
Luther League of Chicago—Secretary, Miss Martha D. Baker, 5357 Kenmore avenue.
Lutheran Ministers' Association—Secretary, Rev. J. H. Meyer, 2612 North Kedzie avenue.
Lutheran Woman's League—Secretary, Alice Lanquist, 4636 Beacon street.
National Christian Association—850 West Madison street; secretary, William I. Phillips.
Presbyterian Brotherhood of Chicago—Secretary, Calvin Mills, 328 Wabash avenue.
Presbyterian Ministerial Association—Secretary, Rev. M. G. Cole; meets Monday forenoons at 328 Wabash avenue.
Presbyterian Social Union—Secretary, Thomas G. McCulloh, 5130 Hibbard avenue.
Unitarian Sunday School Society—515, 175 Dearborn street.
Young Men's Christian Association—153 LaSalle street; general secretary, L. Wilbur Messer.

CHICAGO'S FREE PUBLIC BATHS.

Charles T. Rogers, superintendent.

Names and location of baths:
Carter H. Harrison—759 Mather street.
Martin B. Madden—3825 Wentworth avenue.
William Mavor—4647 Gross avenue.
Robert A. Waller—19 South Peoria street.
Kosciuszko—1444 Holt avenue.
DeWitt C. Cregier—1153 Gault court.
John Wentworth—2839 South Halsted street.
Theodore T. Gurney—1141 West Chicago avenue.
William B. Ogden—3346 Emerald avenue.
Joseph Medill—2138 Grand avenue.
Thomas Gahan—4226 Wallace street.
Pilsen—1849 Throop street.
Ferdinand Henrotin—2415 North Marshfield avenue.
William Loeffler—1217 South Union street.
Simon Baruch—1911 West 20th street.

Free baths are given at the 14th street and 22d street pumping stations and at several lake beaches, but special buildings have not been provided at these points. The Carter H. Harrison bath, which was opened in January, 1904, is said to have been the first free public bath in the United States, if not in the world. Similar baths in Vienna charged a fee of 2 cents and those in New York 5 cents. The Madden bath was opened in April, 1897; the Mavor bath in May, 1900; the Waller bath in February, 1901; the Kosciuszko bath in April, 1904; the Cregier bath in October, 1905; the Wentworth bath in December, 1905; the Gurney bath in May, 1906; the Ogden bath in July, 1906; the Medill bath in September, 1906; the Gahan bath in November, 1907; the Pilsen bath in March, 1908; the Henrotin bath in September, 1908; the Loeffler bath in February, 1909, and the Baruch bath in April, 1910. The average cost of each plant has been between $15,000 and $20,000, and the average annual cost of maintenance, $4,000.

SOCIETIES OF ARTISTS AND ART CLUBS.

Art Students' League—Art Institute; president, Richard F. Babcock; secretary, Claire L. Stadeker.
Chicago Arts and Crafts Society—Secretary, R. R. Jarvie, 1340 East 47th street.
Chicago Camera Club—87 Lake street; president, F. B. Noyes; secretary, H. A. Langston.
Chicago Ceramic Art Association—Art Institute; president, Margaret E. Iglehart; corresponding secretary, Miss Eleanor Stewart, 1367 East 53d street.
Chicago Public School Art Society—Corresponding secretary, Mrs. John H. Long.
Chicago Society of Artists (organized 1902)—President, John H. Vanderpoel; secretary, George F. Schultz; clubrooms in Art Institute.
Chicago Water Color Club (organized 1907)—President, George F. Schultz; secretary, Antonin Sterba, 608, 216 Clark street.
Friends of American Art—President, W. O. Goodman; secretary, George F. Porter.
Lake View Art Club—Secretary, Miss Mary G. Younglove, 834 Fullerton avenue.
Palette and Chisel Club—Athenæum building; president, O. E. Hake; secretary, A. E. Hayden.

CHICAGO BOARD OF TRADE.

Jackson boulevard and LaSalle street.

President—A. Stamford White.
Vice-President—John C. F. Merrill.
Secretary—George F. Stone.
Treasurer—Ernest A. Hamill.
Directors—Terms expire 1911: Edward Andrew, Allan M. Clement, Samuel P. Arnot, David A. Noyes, W. H. Perrine. Terms expire 1912: James C. Murray, Ernest G. Brown, C. F. Schneider, John C. Wood, Charles P. Randall. Terms expire 1913: Alexander O. Mason, Albert E. Cross, Robert E. Tearse, Edward F. Leland, William S. Dillon.

A gallery is set apart for the use of visitors, but admission is by card only. The trading hours are from 9:30 a. m. to 1:15 p. m., except on Saturday, when the closing hour is 12 o'clock noon.

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Reports and estimates on engineering projects. Investigations of the operation and maintenance of properties. Appraisals of physical value.

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Specifications and plans covering complete properties, railroad shops, industrial plants, irrigation projects, hydro-electric properties, inter-urban railway systems.

CONSTRUCTION:

Creation of complete properties, supplementing the report and engineering work with the purchase and installation of all materials and equipment necessary in the construction and preliminary operation of the finished plant—all under one contract agreement.

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ENGINEERS-CONSTRUCTORS
ELECTRICAL — CIVIL — MECHANICAL
181 LA SALLE STREET
CHICAGO

POLICE HEADQUARTERS AND STATIONS IN CHICAGO.

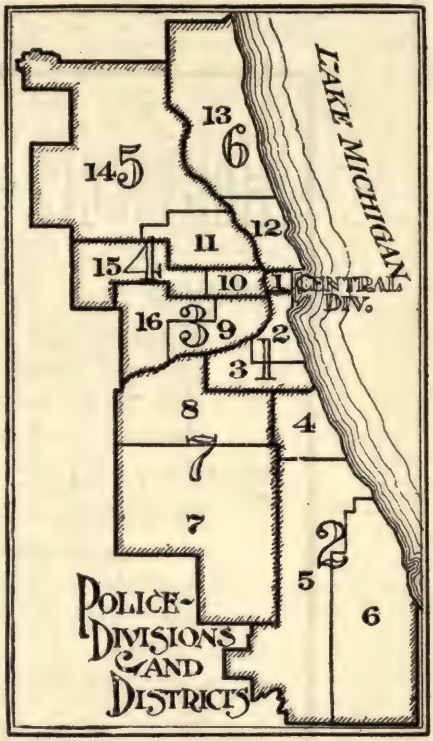
General and detective headquarters in city hall.

DIVISION HEADQUARTERS.

1. Harrison and LaSalle streets.
2. 52d street and Lake avenue.
3. Morgan and Maxwell streets.
4. Desplaines street and Waldo place.
5. 1125 West Chicago avenue.
6. 117 West Chicago avenue.
7. 4736 South Halsted street.

PRECINCT STATIONS.

1. 274 East Madison street.
2. Harrison and LaSalle streets.
3. 22d street and Wentworth avenue.
4. 2523 Cottage Grove avenue.
5. 456 East 35th street.
6. 740 West 35th street.
7. 2913 Loomis street.
8. 3813 California avenue.
9. 39th street and California avenue.
10. 5233 Lake avenue.
11. 50th and State streets.
12. 6344 Jefferson avenue.
13. 75th street and Jackson avenue.
14. 115th street and Indiana avenue.
15. 89th street and Exchange avenue.
16. 106th street and Avenue M.
17. 64th street and Wentworth avenue.
18. 85th and Green streets.
19. 4736 South Halsted street.
20. 47th and Paulina streets.
21. Morgan and Maxwell streets.
22. 2075 Canalport avenue.
23. 21st place and Paulina street.
24. 2256 West 13th street.
25. 27th street and Lawndale avenue.
26. 40th avenue and Fillmore street.
27. Desplaines street and Waldo place.
28. 1637 West Lake street.
29. 2431 Warren avenue.
30. 4250 West Lake street.
31. Lake and Central avenues.
32. 1125 West Chicago avenue.
33. 1312 West North avenue.
34. North and Oakley avenues.
35. Shakespeare and California avenues.
36. Milwaukee avenue and Irving Park boulevard.
37. Grand and 49th avenues.
38. 117 West Chicago avenue.
39. Hudson and Blackhawk streets.
40. 2126 North Halsted street.
41. 2742 Sheffield avenue.
42. Halsted street and Addison avenue.
43. Robey and Grace streets.



44. Foster avenue, near Robey street.
45. Estes avenue and North Clark street.

WORK OF THE CHICAGO POLICE DEPARTMENT (1909).

PERSONS ARRAIGNED IN COURT.

	Male.	Female.	Total.
Total number	57,504	9,191	66,695
Married	21,347	3,755	25,102
Single	36,157	5,436	41,593
Under 16	506	29	535

	Male.	Female.	Total.
From 16 to 20.	6,014	555	6,569
From 20 to 25.	12,705	2,426	15,131
From 25 to 30.	10,513	1,199	12,512
From 30 to 40.	14,479	2,416	16,895

	Male.	Female.	Total.
From 40 to 50.	8,573	1,264	9,837
From 50 to 60.	3,517	366	3,883
More than 60.	1,197	136	1,333

OCCUPATIONS OF PRISONERS.

Actors	162	Electricians	351	Miners	31	Saloonkeepers	783
Agents	525	Engineers	280	Molders	353	Servants	1,108
Artists	41	Farmers	149	Musicians	176	Shoemakers	202
Attorneys	63	Firemen	329	No occupation	10,463	Soldiers	20
Bakers	313	Florists	27	Painters	1,184	Steamfitters	221
Barbers	418	Grocers	112	Patternmakers	4	Stockdealers	12
Barkeepers	730	Harnessmakers	32	Peddlers	1,206	Stonecutters	73
Billposters	89	Horseshoers	92	Physicians	110	Students	77
Blacksmiths	146	Hostlers	60	Plasterers	154	Tailors	871
Boilermakers	164	Housekeepers	3,353	Plumbers	514	Teamsters	4,401
Brokers	78	Janitors	415	Policemen	17	Tinsmiths	164
Butchers	496	Jewelers	52	Porters	1,050	Undertakers	22
Carpenters	1,239	Junkdealers	134	Printers	631	Upholsterers	42
Chauffeurs	982	Laborers	17,392	Prostitutes	1,937	Wagonmakers	10
Cigarmakers	132	Lathers	58	Roofers	99	Watchmen	149
Clergymen	6	Letter carriers	12	Sailors	257	Other occupations	6,176
Clerks	3,294	Liverymen	20	Salesmen	887		
Confectioners	26	Machinists	1,015				
Cooks	484	Masons	353				
Dentists	19	Merchants	612				
Draftsmen	34	Midwives	12				
Druggists	69	Milkmen	61				

NATIVITY OF PRISONERS.

	1909.	1908.	1907.	1906.	1905.	1904.
American	36,174	23,627	31,084	45,162	40,948	40,041
Colored	4,852	3,871	4,653	6,465	5,863	5,328

Webb's Gas Roasted Coffee

We specialize on "cup quality" Coffee for hotel and restaurant purposes.

Our years of experience and entire equipment being devoted to producing the highest degree of perfection in the art of coffee blending.

Did you ever drink a cup of coffee which you pronounced excellent? We have made arrangements whereby you can get this Coffee from your retail dealer in one, two and three pound tins, under the TRADE MARK BLEND.

If your dealer does not carry it, insist, as he can easily get it for you. Served in the leading restaurants and clubs of Chicago.

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COFFEE ROASTERS, 624-626-628
WEST RANDOLPH-ST., CHICAGO

	1909.	1908.	1907.	1906.	1905.	1904.
Austrian ...	1,486	998	896	1,098	664	590
Bohemian ..	1,051	1,044	1,067	1,103	962	835
Canadian ..	433	435	478	554	479	479
Chinese	134	168	187	1,022	841	317
Danish	293	258	228	312	264	253
English	593	517	485	646	538	541
French	220	205	199	233	303	229
German	4,314	4,370	4,001	5,119	4,277	4,487
Greek	997	1,069	899	1,156	1,108	1,135
Hollander ..	149	103	110	94	105	126
Italian	1,831	1,761	1,416	1,715	1,551	1,488
Irish	2,334	2,147	2,303	2,948	2,650	2,673
Norwegian..	550	568	506	634	460	507
Polish	5,180	5,459	4,572	4,251	3,263	3,394
Russian	2,557	2,319	1,927	2,450	1,924	1,689
Swedish	1,368	1,164	1,223	1,431	1,218	1,200
Scotch	300	251	215	280	256	276
Swiss	68	64	61	91	54	69
Others	1,794	2,987	1,492	1,628	994	637
Total	66,695	63,385	58,002	78,392	68,622	66,344

DISPOSITION OF CASES IN MUNICIPAL COURT

	Male.	Female.	Total.
Held to grand jury	2,213	102	2,315
Held to Juvenile court	229	23	252
Fined in Municipal court	23,015	3,972	26,987
Discharged in Municipal court	34,347	4,653	39,000
Sent to jail or house of correction	1,837	202	2,039
Released on peace bonds	77	18	95
Otherwise disposed of	366	7	373

CLASSIFICATION OF CHARGES.

FELONIES.

	1909.	1908.	1907.	1906.	1905.
Abandonment of child.	6	2	1	1	9
Abduction	18	26	28	24	27
Abortion	17	16	21	11	15
Arson or attempt to commit arson	13	21	19	33	46
Bigamy	26	20	26	19	12
Burglary	1,229	1,634	1,415	1,739	1,780
Burglary, accessory to	9	40	15	17	16
Burglary, attempt to commit	73	83	68	88	78
Children, crime against	77	.....	.....	.....	.....
Children, contributing to delinquency of	523	.....	.....	.....	.....
Confidence game	621	647	497	501	535
Conspiracy	45	.....	.....	.....	.....
Counterfeiting	5	8	.....	5	5
Embezzlement	230	137	150	168	115
Forgery	74	89	73	87	64
Having burglars' tools	8	.....	.....	.....	.....
Kidnaping	14	9	3	11	8
Larceny and larceny by bailee	4,369	5,224	5,420	5,329	5,234
Larceny, accessory to.	40	19	21	34	60
Larceny, attempt to commit	13	.....	.....	.....	.....
Malicious mischief	264	231	372	717	553
Manslaughter	22	18	25	33	11
Mayhem	18	27	34	52	39
Murder	73	53	73	68	177
Murder, accessory to..	13	10	17	10	46
Murder, assault to commit	261	328	393	915	931
Perjury	19	19	26	11	8
Receiv'g stolen prop'y	465	429	404	485	371
Robbery	507	709	719	1,001	1,200
Robbery, accessory to	9	17	11	16	19
Robbery, assault to commit	165	142	173	191	132
Other felonies	430	576	621	797	659

MISDEMEANORS.

Abandonment of wife or children	932	965	873	547	424
Assault	682	730	2,325	2,698	2,431
Assault with deadly weapon	993	1,036	1,212	1,054	1,010
Carrying concealed weapons	836	948	1,078	1,330	1,160
Compounding a felony	28	.....	.....	.....	.....
Cruelty to animals	289	350	388	162	57
Cruelty to children	11	26	35	52	7
Disorderly conduct	43,398	40,875	35,650	49,230	45,847
Doing business without license	941	392	224	319	276
Gaming devices, hav	94	112	115	913	689
Gaming house, inm. of	1,531	1,671	1,561	5,603	4,336
Gaming house, kprs. of	505	454	408	1,258	800
Illegal voting	9	.....	.....	.....	.....
Intimidation	5	4	18	42	46
Impersonating an officer	65	60	49	52	44
Opium den, inmts. of	102	176	74	281	232
Resisting an officer	348	372	506	833	626
Riot	5	32	25	31	241
Selling liquor to minors or drunkards	158	160	43	24	1
Threats, extortion by	13	10	9	9	13
Vagrancy	1,040	1,196	542	379	361
Total*	70,575	68,220	63,132	91,554	82,572

*Including crimes not specified in above list.

MISCELLANEOUS DUTIES PERFORMED.

Lost children restored to parents	817
Accidents reported	13,752
Defective hydrants reported	367
Defective water pipes reported	491
Defective sewers reported	1,860
Defective sidewalks reported	2,633
Broken street lamps reported	269
Unlighted street lamps reported	3,977
Nuisances and dead animals reported	16,872
Violations building ordinance reported	59

SUMMARY OF POLICE WORK BY YEARS.

Year.	No. officers and men.	Arrests.*	Fines imposed.	Property recovered.	Miscellaneous Salaries.	Miscellaneous expenditures.	Total expenditures.
1886	1,032	44,261	$202,036.00	$149,988.52	$1,084,259.25	$108,510.31	$1,192,769.56
1887	1,145	46,505	259,249.00	168,023.03	1,199,022.28	106,539.79	1,305,562.07
1888	1,255	50,432	305,176.00	193,141.67	1,297,379.20	177,756.12	1,475,135.32
1889	1,624	48,119	275,925.00	206,822.12	1,432,189.25	170,405.35	1,602,594.60
1890	1,900	62,230	363,938.00	228,885.73	2,066,308.92	133,818.04	2,200,126.96
1891	2,306	70,550	464,850.02	309,585.45	2,485,981.24	136,067.21	2,622,048.45
1892	2,726	89,833	615,822.10	319,305.00	2,822,220.27	212,823.65	3,035,043.92
1893	3,189	96,676	523,359.00	294,129.83	3,287,530.84	263,026.86	3,550,557.70
1894	3,188	88,323	452,340.00	392,082.14	3,433,129.30	210,806.87	3,643,936.17
1895	2,850	83,464	301,555.00	360,358.32	3,253,195.20	166,619.60	3,419,814.80
1896	3,033	96,847	300,319.00	429,882.00	3,150,569.19	153,839.58	3,304,408.77
1897	3,551	83,680	216,284.00	390,628.89	3,290,419.66	167,163.69	3,457,583.35
1898	3,594	77,441	212,056.00	372,934.73	3,281,092.08	160,777.77	3,441,869.85
1899	3,267	71,349	203,687.00	339,914.59	3,257,256.17	181,318.28	3,438,574.45
1900	3,314	70,438	219,902.00	414,181.37	3,230,627.63	154,532.41	3,385,160.04
1901	2,782	69,440	258,060.00	381,654.45	3,260,608.80	148,398.15	3,409,006.95
1902	2,732	70,314	245,440.00	436,792.73	3,179,948.96	158,833.67	3,338,782.63
1903	2,773	77,763	330,026.00	392,181.63	3,420,079.92	149,397.85	3,569,477.77
1904	2,676	79,026	393,003.00	298,696.07	3,363,059.47	182,882.36	3,545,941.83
1905	2,590	82,572	440,021.00	332,159.61	3,551,447.60	409,826.87	3,961,274.47
1906	3,578	91,471	527,450.00	545,043.35	3,796,430.94	274,771.42	4,071,202.36
1907	4,110	63,132	477,069.00	498,571.63	4,822,509.36	565,600.65	5,388,110.01
1908	4,293	68 220	384,518.00	668,285.17	5,407,117.87	296,799.46	5,703,917.33
1909	4,706	70,575	364,509.00	735,957.75	5,544,545.68	266,072.89	5,810,618.57

*Charges brought.

AMERICAN FENCE

Square Mesh, Hinged-Joints (patented) with Flexible Stays

A square mesh fence of weight, great strength and durability. Large wires in both the horizontals and the uprights, and the whole fabric woven together with the American hinged joint (patented), making the most substantial and flexible union mechanically possible. Both wires are positively locked and firmly held against side slip and yet are free to act like a hinge in yielding to pressure and returning quickly to place without bending or injuring the metal. Many years of the hardest usage in the field have demonstrated the value of the American forms of construction, justly entitling it to be called a resilient wall of steel solid and enduring.

ELLWOOD FENCE

Diamond Mesh, Elastic Cables

The steel in Ellwood fence is especially made for the purpose from carefully selected stock; it is hard, elastic, tough and springy. The line wires, composed of two or more wires twisted into cables, give each individual wire the shape of an elongated coiled spring. The fence is therefore sufficiently elastic to take care of expansion and contraction, and yet so rigid when properly stretched as to prevent sagging. The small and permanent mesh is made by weaving one continuous wire throughout the fabric. The mesh or stay wires are so interwoven that slipping is impossible. The triangular truss is the strongest form of construction known; for this reason, Ellwood fence will stand the hardest usage and still retain its shape.

ROYAL FENCE

Square Mesh, Continuous Stays, with Royal Loop

Is made of heavy, hard, stiff steel wire, the strongest and best possible to produce for fencing purposes. The stay or upright wires are continuous from top to bottom of the fence and secured to the horizontal wires by the Royal loop. Being wrapped around the horizontal wires entirely within the tension curves, the stays are rigidly held in place and side slipping prevented. The whole forms a fabric of the greatest strength and ample flexibility, the best of the continuous stay fences.

ANTHONY FENCE

Square Mesh, Rigid Stays, with Anthony Knot

The upright and horizontal wires are tied with the famous Anthony knot, the smallest fence knot made. Machinery of special design has been brought to such a degree of perfection that the most nicely balanced woven wire fabric is produced, each wire drawing with mathematical precision under equal tension and uniformly even with the others. This brings into play, under stress of action, all the wires within a considerable radius of the center of contact, affording to an extraordinary degree great resistance combined with flexibility.

DEALERS EVERYWHERE. SEE THEM

MADE BY

American Steel & Wire Co.

FRANK BAACKES, Vice-Pres. and General Sales Agent

Chicago	New York	Denver	San Francisco
115 Adams-st.	30 Church-st.	First National Bank bldg.	16th & Folsom-sts.

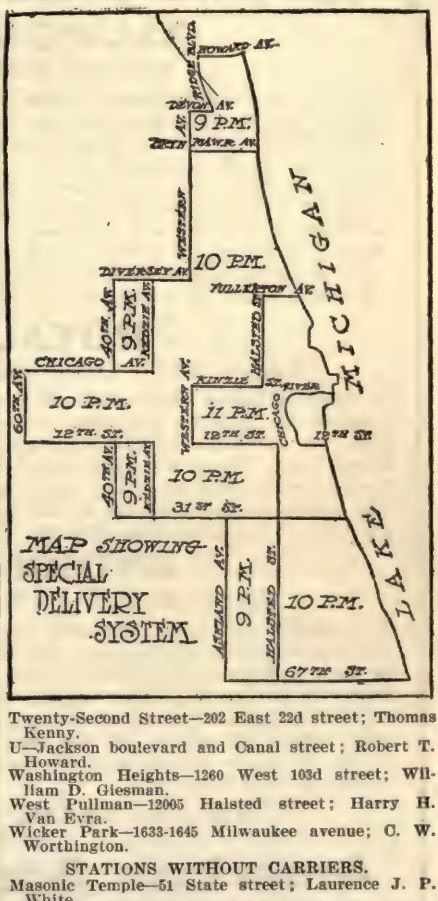
CHICAGO POSTOFFICE.

Entrances on Adams, Clark and Dearborn streets; telephone Harrison 4700; private exchange, all departments.

Postmaster—Daniel A. Campbell; room 358, south wing.
Secretary to Postmaster—John T. McGrath, room 358, south wing.
Assistant Postmaster—John M. Hubbard; room 357, south wing.
Auditor—John Matter; room 362, south wing.
Superintendent of Mails—Frank H. Galbraith; room 351, south wing.
Superintendent of Delivery—William Sansom; room 379, west wing.
Superintendent of Registry Division—Perry H. Smith, Jr.; room 102, Adams street lobby.
Superintendent of Money-Order Division—Joseph B. Schlossman; room 403, north wing.
Superintendent of Inquiry Division—D. J. Foster, Adams street lobby.
Superintendent Second-Class Matter—Paul Hull; room 402, north wing.
Superintendent of Bureau of Printing and Supplies—James N. Brady; entrance from Dearborn street.
Cashier—Theron W. Bean; room 125, Dearborn street lobby.
Night Superintendent—George E. McGrew; first floor, inquiry division.
Draftsman—M. L. Kirchman, room 479, west wing.
Secretary Civil-Service Board—Peter Newton, 13th floor.
Inspector in Charge—James E. Stuart; room 334, east wing.
Superintendent 6th Division, Railway Mail Service—E. L. West; room 308, north wing.

CARRIER STATIONS AND SUPERINTENDENTS.

Armour—3017 Indiana avenue; Henry Welch, Jr.
Auburn Park—612 West 79th street; Eben J. Beach.
Austin—5658-5660 West Lake street; Howard Robertson.
C—1247-1249 West Madison street; George Berz.
Carpenter Street—741 and 745 North Carpenter street; Frank A. Kwasigroch.
Chicago Lawn—3510 West 63d street; Martin McVeagh.
Cragin—4207 Armitage avenue; Carl O. N. Nelson.
D—2108-2110 West Madison street; John Davy.
Dauphin Park—9033 Cottage Grove avenue; Fred W. Dayton.
Douglas Park—1205-1207 South Western avenue; Albert P. Treleaven.
Dunning—6443 West Irving Park boulevard; Lawrence E. Taylor.
Eastside—9909 Ewing avenue; Walter G. Seborg.
Edgewater—5501-5503 Evanston avenue; William R. Rennacker.
Elsdon—3435 West 51st street; Leonard Withall.
Englewood—449 West 63d street; John E. Vreeland.
Fifty-First Street—5052 and 5054 Halsted street; Frederick A. Bosworth.
Garfield Park—3907-3909 West Madison street; David J. Geary.
Grand Crossing—7462 South Chicago avenue; Henry Z. Eaton.
Hegewisch—13305 Erie avenue; Frank Lonn.
Hyde Park—1448-1450 East 55th street; Wilbur E. Crumbacker.
Irving Park—4218 West Irving Park boulevard; John T. McCormick.
Jackson Park—1113-1115 East 63d street; William Arens.
Jefferson—4811 Milwaukee avenue; Ernest Willman.
Kinzie—323 Kinzie street; William S. Snorf.
Lake View—3175-3177 North Clark street; W. S. Hussander.
Lincoln Park—1546-1548 North Clark street; James Donahue.
Logan Square—2311-2313 Milwaukee avenue; James Stott.
M—40th street and Cottage Grove avenue; James N. McArthur.
McKinley Park—3475 and 3477 Archer avenue; Henry Blattner.
Millard Avenue—3640-3642 Ogden avenue; Edward O'Connell.
Mont Clare—2314-2316 North 70th avenue; —— ——.
North Halsted—2454-2458 North Halsted street; Michael J. Keigher.
Norwood Park—6040 Avondale avenue; Stanley C. de Long.
Ogden Park Station—1714 and 1716 West 63d street; Albert L. Anderson.
Pilsen—1507-1509 West 18th street; Joseph H. Richak.
Pullman—4 Arcade building; Gustave A. Ernst.
Ravenswood—4202 West Ravenswood park; R. P. Hogan.
Riverdale—13565 Indiana avenue; Jeremiah F. Collins.
Rogers Park—7001 North Clark street; John J. Becklenberg.
South Chicago—9210 Commercial avenue; Patrick T. O'Sullivan.
Stockyards—4193 Halsted street; Henry C. Smale.



Twenty-Second Street—202 East 22d street; Thomas Kenny.
U—Jackson boulevard and Canal street; Robert T. Howard.
Washington Heights—1260 West 103d street; William D. Giesman.
West Pullman—12005 Halsted street; Harry H. Van Evra.
Wicker Park—1633-1645 Milwaukee avenue; C. W. Worthington.

STATIONS WITHOUT CARRIERS.

Masonic Temple—51 State street; Laurence J. P. White.
South Water—19 LaSalle street; H. H. Henshaw.
Stock Exchange—Washington and LaSalle streets; Cassius C. Roberts.
Bush Temple—112 West Chicago avenue; Park Godwin.

In addition to the above there are 277 numbered

STRUCTURAL STEEL

For Bridges and Buildings of Any Design

ANNUAL CAPACITY 70,000 TONS

SEND US YOUR SPECIFICATIONS FOR ESTIMATES

Bird's-Eye View of Plant

George W. Jackson, Inc.

CHICAGO NEW YORK

stations served from the carrier stations and each with a clerk in charge.

There are 3,366 clerks in the general postoffice and stations and 1,904 carriers, including collectors.

COLLECTIONS AND DELIVERIES.

In the downtown district there are twenty-six collections of mail matter between 7 a. m. and 11 p. m.; in the outlying districts there are ten collections during the day and evening. Mail is delivered six times a day in the business district and three times in the outlying districts.

Special delivery letters are delivered in the central postoffice district between 7 a. m. and 11 p. m. and from stations within their respective districts (station U excepted) between 7 a. m. and 6 p. m. Night special delivery is made only within the hours and territory as shown by the accompanying map.

In the district bounded by the Chicago river on the north and west, and on the south by 12th street, hotels, clubs, newspapers, telegraph offices and undertakers have all-night service.

Area served: Until 6 p. m., 191.16 square miles; until 9 p. m., 67.64 square miles; until 10 p. m., 55.63 square miles; until 11 p. m., 11.38 square miles; all night, 1.08 square miles.

POSTAL RECEIPTS.

Fiscal year 1910.

Stamps	$14,502,854.10
Postal cards	808,488.01
Envelopes	1,252,866.20
Second-class postage	811,611.20
Third and fourth class postage	580,290.92
Postage due	89,620.00
Box rent, etc.	12,464.41
	18,065,194.84

Increase over 1909, $2,278,646.50, or 14.45 per cent.

MONEY-ORDER BUSINESS (MAIN OFFICE).

Fiscal year 1910.

Domestic orders paid (14,669,463), $88,134,103.54.
International orders paid (36,581), $835,079.28.
Domestic orders issued (145,493), $1,824,894.48.
International orders issued (31,771), $671,056.06.
Total fees (domestic), $11,082.33.
Total fees (international),$6,176.04.
Certificates of deposit issued (182,565), $131,733,334.16.
Transferred to credit postmaster-general, $45,050,000.
Transferred to stations account, $180,250.
Auditor's circular, $400.43.
Total transactions, 15,065,873.
Total amount, $268,448,376.32.
Increase in transactions, 2,295,486, or 18.05 per cent.
Increase in amount, $60,812,659.80, or 28.08 per cent.

STATIONS.

Number of domestic orders issued, 1,020,453.
Amount received for domestic orders (including fees), $9,376,353.20.
Increase in transactions (domestic), 10.62 per cent.
Increase in amount (domestic), 14.29 per cent.
Number of international orders issued, 219,733.
Amount received for international orders (including fees), $4,967,504.35.
Increase in transactions (international), 25.24 per cent.
Increase in amount (international), 38.07 per cent.

REGISTRY DIVISION.

Fiscal year 1910.

Letters registered with fee prepaid	1,258,626
Parcels registered with fee prepaid	801,924
Registered letters received for delivery	2,211,866
Registered parcels received for delivery	466,099
Distribution—Re-registered free, foreign and domestic returned and forwarded, missent and dead letters	306,514
Registered packages received in transit	4,230
Registered articles made up and mailed	1,841,175
Registered package jackets and sack jackets received and opened	75,621
Registered package jackets and sack jackets made up and dispatched	19,398
Through registered pouches and inner sacks received	96,921
Through registered pouches and inner sacks made up and dispatched	97,178
Official letters and parcels registered free	94,306
Total number registered articles handled	7,274,558

Increase in 1910 over 1909, 630,271 pieces, or 9.49 per cent.

DELIVERY DIVISION.

Amount of mail matter of all classes received for delivery during the fiscal year ended June 30, 1910:

Mail letters, 257,440,660.
Local letters, 210,633,267.
Mail letters received at stations, 110,331,712.
Local letters received at stations, 90,271,400.
Total number of letters, 668,677,039.
Newspapers, circulars, etc., 123,723,173.

Grand total of all classes of matter received for delivery, 792,400,212.

MAILING DIVISION.

Mails handled in the mailing division during the fiscal year ended June 30, 1910:

	Pounds.	Pieces.
Letters	19,500,356	916,516,760
Special delivery	23,562	589,052
Nixies*	411,528	10,298,191
Second class	80,650,194	322,600,776
Third and fourth class	67,310,999	269,243,396
Total	167,896,639	1,519,248,775
Increase	16,662,849	139,275,043

Percentage increase in weight, 11.02.
Percentage increase in pieces, 10.09.
Proportion of errors in handling mail, .003.

*Mail received with insufficient postage or misdirected.

MAIL TIME FROM CHICAGO TO PRINCIPAL CITIES.

Cities.	Hours.	Cities.	Hours.	Cities.	Hours.
Atlanta, Ga.	22	Little Rock, Ark.	24	Portland, Me.	33
Baltimore, Md.	23	Los Angeles, Cal.	66	Portland, Ore.	75
Boston, Mass.	27	Louisville, Ky.	10	Providence, R. I.	28
Buffalo, N. Y.	12	Memphis, Tenn.	16	Quebec, Can.	47
Charleston, S. C.	33	Mexico City, Mex.	120	Richmond, Va.	26
Chihuahua, Mex.	72	Milwaukee, Wis.	2	St. Louis, Mo.	8
Cincinnati, O.	10	Minneapolis, Minn.	12	St. Paul, Minn.	11
Cleveland, O.	9	Mobile, Ala.	27	Salt Lake City, Utah.	46
Denver, Col.	28	Monterey, Mex.	96	San Antonio, Tex.	50
Des Moines, Iowa.	9	Montreal, Can.	27	San Francisco, Cal.	75
Detroit, Mich.	7	Newark, N. J.	25	Seattle, Wash.	75
Guadalajara, Mex.	120	New Haven, Conn.	30	Toronto, Ont.	18
Halifax, N. S.	60	New Orleans, La.	28	Vancouver, B. C.	82
Houston, Tex.	40	New York, N. Y.	24	Washington, D. C.	24
Indianapolis, Ind.	5	Omaha, Neb.	12	Wheeling, W. Va.	15
Jacksonville, Fla.	37	Philadelphia, Pa.	22	Winnipeg, Man.	29
Kansas City, Mo.	11	Pittsburg, Pa.	13		

Note—Certain limited trains make the time to Baltimore, 21 hours; Boston, 24; Newark, N. J., 18; New York, 18; Philadelphia, 17; Pittsburg, 9, and Washington, D. C., 22.

CASE CARS

THE CARS WITH THE FAMOUS ENGINE

ROADSTER
TORPEDO
SUBURBAN
TOURING
LIMOUSINES

Remember the engine when you buy, and don't forget it when you drive.

CASE ROAD MACHINERY LINE.

10-Ton Steam Road Rollers, Bottom Dump Wagons, Graders, Scrapers, Drags, Road Plows, Crushers, Stone Screens, Sprinkling Wagons, Water Tanks, Hauling Engines for Contractors and Municipal Work.

Write for Catalog 55 on Automobiles and Complete Catalog 56 on Road Machinery.

J. I. Case Threshing Machine Co.

INCORPORATED

RACINE, WISCONSIN

MAIL TIME FROM NEW YORK TO FOREIGN CITIES.

Distances via postal routes in statute miles. Time given makes liberal allowance for delays. To get time and distance from Chicago add one day and 912 miles if via London and subtract one day and 912 miles if via San Francisco; via New Orleans the time is about one day less from Chicago to points in Central America. From table prepared by postoffice department.

Place.	Days.	Miles.
Adelaide, via San Francisco	34	12,845
Alexandria, Egypt, via London	13	6,150
Amsterdam, via London.	9	3,985
Antwerp, via London....	9	4,090
Athens, via London.....	12	5,655
Auckland, N. Z., via San Francisco	19	10,120
Basel, via London.....	9	4,420
Bangkok, via London....	41	13,125
Bangkok, via San Francisco	43	12,990
Barbados, W. I.....	8	2,145
Barcelona, via London..	10	4,790
Batavia, via London....	34	12,800
Berlin, via London.....	9	4,385
Bern, via London.....	9	4,490
Bombay, via London....	24	9,765
Bremen, via London.....	8	4,235
Brindisi, via London....	10	5,205
Brussels, via London....	9	3,975
Budapest, via London...	10	4,910
Buenos Aires.....	26	8,045
Cadiz, via London.....	10	5,375
Cairo, Egypt, via London	12	6,280
Calcutta, via London....	26	11,120
Callao, via Panama.....	22	4,145
Cape Town, via London..	27	11,245
Christiania, via London.	10	4,650
Colon, Panama.....	6	2,281
Constantinople, via London	11	5,810
Dresden, via London....	9	4,555
Genoa, via London.....	9	4,615
Gibraltar, via London...	11	5,150
Glasgow	10	3,370
Gothenburg, via London.	9	4,755
Guatemala City, via New Orleans	7	2,645
Hague, The, via London	9	3,950
Hamburg, direct.....	9	4,820
Hamilton, Bermuda.....	2	780
Havana	2	1,368
Havre, direct.....	8	3,940
Hongkong, via San Francisco	25	10,590
Honolulu, via San Francisco	13	5,645
Iceland, via London.....	18	5,350
Kingston, Jamaica.....	5	1,820
Lisbon, via London.....	10	5,335
Liverpool	8	3,540
London	8	3,740
Lyons, via London.....	9	4,340
Madrid, via London.....	9	4,925
Marseilles, via London..	9	4,560
Melbourne, via San Francisco	26	12,265
Montevideo	25	7,165
Moscow, via London.....	10	5,535
Munich, via London.....	9	4,610

CHICAGO STREET RAILWAY SYSTEMS.

CHRONOLOGICAL.

Omnibuses—First regular omnibus line started by Frank Parmelee May 9, 1853.

Horse Cars—South side: First line on State street, between Randolph and 12th streets, open April 25, 1859. West side: Madison street line, Halsted to State, opened May 20, 1859; Randolph street line opened July 15, 1859. North side: Wells street line, river to Chicago avenue, opened late in spring of 1859; Clark street line opened in August, 1859.

Cable Cars—South side: First cable line in Chicago operated on State to 39th street; began business Jan. 28, 1882; Cottage Grove avenue line built same year. North side: Clark street line opened March 27, 1888; Wells street line opened same year; Lincoln avenue line opened Jan. 22, 1889; Clybourn avenue line opened May 2, 1891. West side: Madison street line opened July 16, 1890; Milwaukee avenue line opened at same time; Blue Island avenue line opened July 28, 1893.

Electric Cars—South side: First electric line in city began operating Oct. 2, 1890, from 95th street and Stony Island avenue to South Chicago; trolley substituted for horse cars on most of the lines (except cable) in 1893 and 1894 in all divisions of the city and in the suburbs; trolley substituted for cable cars on State street July 22, 1906, and on Cottage Grove avenue Oct. 21, 1906. West side: Trolley cars substituted for cable on Blue Island avenue July 22, 1906, and on Madison street and Milwaukee avenue Aug. 19, 1906. North side: All cables changed to trolley lines Oct. 21, 1906.

Elevated Railways—South side: South Side elevated railroad began regular operation on line between Congress street and 39th street, June 6, 1892, with steam as motive power; extended to Stony Island avenue in May, 1893; extended to Englewood in 1906 and to Kenwood in 1907; trains began running around loop Oct. 19, 1897; motive power changed to electricity July 27, 1898. West side: Lake street line (Chicago and Oak Park) began running Nov. 6, 1893, with steam as motive power; electricity substituted June 14, 1896; Metropolitan road opened May 20, 1895, with electricity as motive power; began running over loop Oct. 10, 1897; extension of Garfield park and Douglas park lines completed in 1902. North side: Northwestern line opened for business May 31, 1900, with electricity as motive power; Ravenswood branch opened May 10, 1907.

LEARNED SOCIETIES IN CHICAGO.

American Library Association—Public library building; secretary, Charles Hadley.

Chicago Academy of Sciences—Lincoln park; president, Thomas C. Chamberlin; secretary, Frank C. Baker.

Chicago Architectural Club—84 Adams street; president, Arno C. Lowe; secretary, George Awsumb.

Chicago Astronomical Association—President, Elias Colbert; secretary, Charles H. Taylor, 4402 Greenwood avenue.

Chicago Bar Association—Library rooms, 134 Monroe street; president, Joseph H. Defrees; librarian, Farlin H. Ball.

Chicago Historical Society—Dearborn avenue and Ontario street; president, Franklin H. Head; librarian, Caroline M. McIlvaine.

Chicago Library Club—President, W. V. Carleton, Newberry library; secretary, Jessie M. Woodford, Public library.

Chicago Chapter of the Bibliographical Society of America—President, J. Westfall Thompson, University of Chicago; secretary-treasurer, Carl B. Roden, Chicago Public library.

Chicago Literary Club—168 Michigan avenue; president, Merritt Starr; secretary, Frederick W. Gookin.

Chicago Philatelic Society—President, P. M. Wolsieffer; secretary, H. A. Fowler, 100 Washington street.

Fortnightly Club of Chicago—President, Mrs. Horace M. Kennedy; corresponding secretary, Mrs. Edwin F. Bayley, 4634 Greenwood avenue.

Geographic Society of Chicago—President, Prof. Rollin D. Salisbury; corresponding secretary, Miss Adele Lackner.

Western Society of Engineers—1735 Monadnock block; president, J. W. Alvord; secretary, J. H. Warder.

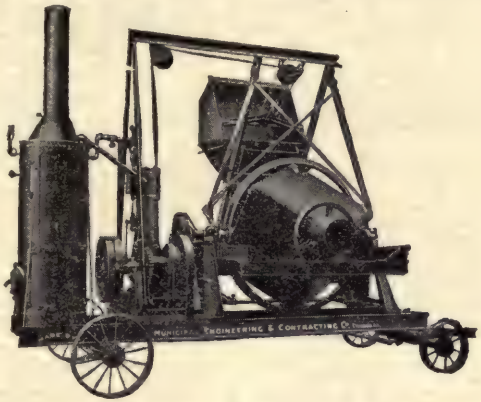
WIDTHS OF TIRES REQUIRED IN CHICAGO.

The wide-tire ordinance passed by the Chicago city council Feb. 4, 1908, requires that all four-wheeled vehicles shall have tires proportionate to the load they carry, as follows:

Load.	Tires, inches.
3,000 pounds or under	1½
Between 3,000 and 4,000 pounds	2
Between 4,000 and 6,000 pounds	2½
Between 6,000 and 8,000 pounds	3½
Between 8,000 and 10,000 pounds	3¾
Between 10,000 and 14,000 pounds	4¼
Between 14,000 and 18,000 pounds	6
Over 18,000 pounds	8

The width for two-wheeled trucks is double.

QUALITY, QUANTITY AND COST OF OUTPUT DETERMINE THE VALUE OF A MIXER



THE CHICAGO IMPROVED CUBE CONCRETE MIXER WILL TURN OUT A BATCH OF PERFECTLY MIXED CONCRETE EVERY MINUTE.

It mixes by kneading—by folding and refolding the batch on itself under pressure, which is the only perfect mixing action for a pasty material like concrete.

ASK FOR CATALOGUE NO. 31

Municipal Engineering & Contracting Co.

RAILWAY EXCHANGE, CHICAGO

New York Office: 30 Church-st.

LEGAL FARES FOR CABS, CARRIAGES AND TAXICABS.

ONE-HORSE VEHICLES.

1. For one or two passengers, not exceeding one mile.....$0.50
2. For each additional passenger, 25 cents for the first mile or part thereof only..... .25
3. For one or more passengers for the second mile and subsequent miles or part thereof, 25 cents for all for each such mile or part thereof ..... .25
4. For children between 5 and 14 years of age, when accompanied by an adult, not more than half of the above rates shall be charged for like distances. For children under 5 years of age, when accompanied by an adult, no charge shall be made.
5. For the use of any vehicle mentioned in this section conveying one or more passengers, when hired by the hour with the privilege of going from place to place and stopping as often as may be required, as follows:
For the first hour.....1.00
For each additional hour or part thereof at the rate of $1 an hour.
6. In the case of any vehicle described in this section being engaged by the hour and discharged at a distance from the place where it was engaged, the driver shall have the right to charge for the time necessary to return to such place.

TWO-HORSE VEHICLES.

1. For one or two passengers not exceeding one mile.....$1.00
2. For each additional passenger, 50 cents each for the first mile or part thereof only..... .50
3. For one or more passengers for the second mile and subsequent miles or part thereof, 50 cents for all for each mile or part thereof .50
4. Children between 5 and 14 years of age, when accompanied by an adult, not more than half of the above rates shall be charged for like distances. For children under 5 years of age, when accompanied by an adult, no charge shall be made.
5. For the use of any vehicle mentioned in this section conveying one or more passengers, when hired by the hour with the privilege of going from place to place and stopping as often as may be required, as follows:
For the first hour..... 2.00
For each additional hour or part thereof, at the rate of $1.50 an hour.
6. In the case of any vehicle described in this section being engaged by the hour and discharged at a distance from the place where it was engaged, the driver shall have the right to charge for the time necessary to return to such place.

Hiring by the Hour—Must be so specified at the time of hiring. In all cases where the hiring of any vehicle licensed under the provisions of this article is not at the time of such hiring specified by the person hiring same to be by the hour, it shall be deemed to be by the mile, and for any detention exceeding a total period of fifteen minutes during the whole period of such hiring, when so working by the mile, the driver may demand pay for such period of detention at the rate of $1.00 per hour in addition to the rate per mile.

Baggage—Every passenger upon any vehicle licensed under the provisions of this article shall be allowed to have conveyed with him upon such vehicle without charge therefor his ordinary light traveling baggage in an amount not to exceed in weight seventy-five pounds.

Lost Baggage—Whenever any package, article of baggage or goods of any kind shall be left in or upon any vehicle licensed under the provisions of this article, the driver of such vehicle shall upon the discovery of such package, baggage or goods forthwith deliver the same to the board of inspectors of passenger vehicles.

TAXICABS.

No person, firm or corporation owning, operating or controlling any taxicab shall let the same for hire or reward for a fee or charge to be fixed and determined by the hour or fraction thereof, but the fare demanded and received shall (excepting for waiting time as herein provided for) be computed by the distance traveled and shall not exceed the following rates:

For the first one-half mile or fraction thereof..$0.40
For each one-fourth mile thereafter..... .10
For each four minutes of waiting..... .10

Waiting Time—Waiting time shall include the time during which the taxicab is not in motion, beginning with its arrival at the place to which it has been called, or the time consumed while standing at the direction of a passenger, but no charge shall be made for time lost for inefficiency of the taxicab or its operator or for time consumed by a premature arrival in response to a call.

Taximeter to Show Only One Tariff—Flagpost—The dial of such taximeter shall show but one tariff, which shall be registered in accordance with the rates prescribed in this ordinance. Each taxicab shall be equipped with a flag at least three by two inches, either painted red or bearing thereon in letters of at least one inch in height the word "Vacant" or the words "For Hire." The flagpost of such flag shall be kept up or toward a vertical position when the taxicab is for hire, and when such taxicab is engaged in the service of a passenger or passengers said flagpost shall be kept down or toward a horizontal position.

Operator to Announce Charge Before Changing Position of Flagpost—It shall be the duty of the operator or driver of every taxicab to announce to the person hiring the same, at the termination of the service and before the position of the flag or flagpost is changed, the charge therefor, as shown on the dial of said taximeter.

Baggage—Every passenger upon any public automobile, taxicab, autocar or other similar vehicle shall be allowed to have conveyed with him upon such vehicle, without charge therefor, his ordinary light traveling baggage in an amount not to exceed in weight 100 pounds. A fee of 25 cents may be charged for conveying a trunk.

Lost Baggage—Whenever any package, article of baggage or goods of any kind shall be left in or upon any vehicle licensed under the provisions of this article, the operator of such vehicle shall, upon discovery of such package, baggage or goods, forthwith deliver the same to the board of inspectors of passenger vehicles.

AUTOMOBILES (OTHER THAN TAXICABS).

Rates of Fare—The rate of fare to be asked or demanded by the operator or person in charge or control of any automobile, autocar or other similar vehicle operated for the conveyance of passengers, for hire or reward, within the city, shall not exceed the following prescribed rates:

Seating Capacity Not Exceeding Two Passengers—For the use of any such vehicle, the seating capacity of which shall not exceed two persons, for the first hour, $3.00; for each additional hour or part thereof, at the rate of $3.00 per hour.....$3.00

Seating Capacity from Three to Five Passengers—For the use of any such vehicle, the seating capacity of which shall be more than two persons and not exceeding five persons, for the first hour, $4.00; for each additional hour or part thereof, at the rate of $4.00 per hour..... 4.00

Seating Capacity from Five to Ten Passengers—For the use of any such vehicle, the seating capacity of which is more than five persons, for the first hour, $5.00; for each additional hour or part thereof, at the rate of $5.00 per hour. Provided, however, that nothing in this paragraph contained shall refer to so-called sight-seeing vehicles or those vehicles which have a seating capacity exceeding ten persons..... 5.00

Rate to Be Based on Time Vehicle Is in Use—The rate of fare to be asked or demanded by such vehicles not equipped with taximeters shall be determined in accordance with the time which the vehicle is in use by the passenger or passengers engaging the same.

Operator's Seat Not to Be Counted—In determining

Link-Belt Company

CHICAGO

PHILADELPHIA INDIANAPOLIS

THE PIONEER MANUFACTURERS OF

Elevating and Conveying Machinery

AND

ALL TYPES OF
CHAINS FOR POWER TRANSMISSION

ABSOLUTE UNIFORMITY

and the unexcelled qualities of "CHICAGO AA" have established for it a reputation SECOND TO NONE.

Highest Quality
"The Best That Can Be Made"

1,250,000 Bbls. Annually

Made from the best Cement Rock and Clay Deposit in the world.

Specified by Leading Architects
Preferred by many Contractors
Favored by many Dealers
Used in Government Work
The Standard for many Municipalities
Railroads are large buyers
Many Block Manufacturers use it exclusively
So do many Tile Manufacturers
The Leading Sidewalk Cement

Because it is ALWAYS RELIABLE

FACTORY AT OGLESBY, ILL.

CHICAGO PORTLAND CEMENT CO. 108 LaSalle-st. CHICAGO.

(Instructive Booklets on Request)

the seating capacity of any such vehicle neither the operator's seat nor any portion thereof shall be computed, but the seating capacity shall be determined by the number of persons which can be accommodated in the interior or tonneau of such vehicle.

No Charge for Answering Call or for Return from Call—No charge shall be made for the time consumed in responding to a call or in returning to the place from which such vehicle is called.

No Charge in Case of Breakdown—In case any automobile, autocar or other similar vehicle shall, while conveying for hire or reward any passenger or passengers, become disabled, or shall break down so as to be unable to convey such passenger or passengers to his or their destination, and such disablement or breaking down cannot be remedied so that such vehicle shall be enabled to proceed within fifteen minutes from the time such vehicle shall have become disabled or shall have stopped, no fare shall be charged or collected for any service rendered or distance traveled up to the time of such stoppage, disablement or breakdown. Provided, however, that if any such passenger or passengers elect to remain in such vehicle and desire to be conveyed to their destination thereby, after such breakdown or disablement shall have been remedied, in such event full rates for the distance traveled shall be charged as if no breakdown or stoppage had occurred, or if such vehicle was employed by the hour the time of stoppage shall be deducted from the time charged for.

Baggage—Every passenger upon any public automobile, taxicab, autocar or other similar vehicle shall be allowed to have conveyed with him upon such vehicle, without charge therefor, his ordinary light traveling baggage in an amount not to exceed in weight 100 pounds. A fee of 25 cents may be charged for conveying a trunk.

Lost Baggage—Whenever any package, article of baggage or goods of any kind shall be left in or upon any vehicle licensed under the provisions of this article, the operator of such vehicle shall, upon discovery of such package, baggage or goods, forthwith deliver the same to the board of inspectors of passenger vehicles.

PROGRESS OF CHICAGO SINCE 1850.

	1850.	1860.	1870.	1880.	1890.	1900.	1909.
Area .....sq.miles	14.0	17.9	35.6	35.6	179.1	190.6	190.6
Population	28,269	109,206	298,977	503,298	1,099,850	1,698,579	2,185,283
Valuation .....dols.	7,220,249	37,053,512	275,986,550	117,133,726	219,354,368	276,565,880	833,150,897
Tax levy.....dols.	25,271	373,315	4,139,799	3,899,127	9,558,335	18,384,195	35,399,489
Bonded debt....dols.	93,395	2,336,000	11,041,000	12,752,000	13,545,400	16,328,400	29,539,000
Receipts—Flour brls.		713,348	1,766,037	3,215,389	4,338,058	9,313,591	8,526,207
Wheat .....bu.	1,687,465	14,927,083	17,394,409	23,541,607	14,248,770	48,048,298	26,985,112
Corn .....bu.	2,869,339	15,862,394	20,189,775	97,272,844	91,387,754	124,663,456	90,894,920
Total grain.....bu.	6,928,459	37,235,027	60,432,574	165,855,370	219,052,518	349,637,295	272,620,166
Cattle .....No.	.....	.....	532,964	1,382,477	3,484,280	3,039,206	2,929,805
Shipments—							
Flour .....brls.	100,871	698,132	1,705,977	2,862,737	4,134,586	7,396,697	8,316,943
Wheat .....bu.	888,644	12,402,197	16,432,585	22,796,288	11,975,276	36,649,956	23,484,171
Corn .....bu.	262,013	13,700,113	17,777,377	93,572,934	90,574,379	111,099,653	72,835,839
Total grain.....bu.	1,830,968	31,108,759	54,745,903	154,377,115	204,674,918	265,552,246	220,494,562
Hogs packed.....No.	20,000	151,339	688,149	4,680,637	4,473,467	7,119,440	5,263,606
Imports, value..dols.	.....	.....	.....	6,955,234	15,406,786	15,441,320	25,542,321
Vessel arrivals..tons	.....	.....	3,049,265	4,616,969	5,138,253	7,044,995	8,772,667
Clearances ....tons	.....	.....	2,983,942	4,537,382	5,150,665	7,141,105	8,785,841
Manufactures, value .....dols.	.....	20,000,000	92,518,742	249,022,948	664,567,927	888,945,311	1,404,297,000
Bank clearings..dols.	.....	.....	810,676,036	1,725,684,894	4,093,145,904	6,799,535,598	13,871,843,613
Internal revenue collections .....dols.	.....	.....	8,395,132	8,936,615	13,518,996	13,391,410	8,210,708
National bank deposits .....dols.	.....	.....	16,774,514		105,785,470	231,386,146	412,613,971
State bank deposits .....dols.	.....	.....	.....	64,764,000	41,670,296	158,238,138	387,688,595
Postoffice rcpts..dols.	.....	.....	1,071,842	1,446,014	3,318,989	7,063,704	16,752,464
Water used per day .....gals.	590,000	4,703,525	21,766,260	57,384,376	152,372,288	322,599,630	467,772,045
Pipe .....miles	30.0	91.0	272.4	455.4	1,205.0	1,872.0	2,189
Revenue .....dols.	.....	131,162	539,180	865,618	2,109,508	3,250,481	4,648,299
Policemen .....No.	9	100	274	473	1,900	2,800	4,733
Schools .....No.	7	14	59	73	238	329	277
Teachers .....No.	35	123	572	898	2,711	5,321	6,296
Pupils .....No.	3,000	14,199	40,832	59,562	135,541	255,861	296,427

REGISTRATION OF VOTERS IN CHICAGO.

Revised figures for fall elections.

Ward.	1902.	1904.	1906.	1908.	1910.	Ward.	1902.	1904.	1906.	1908.	1910.
1.....	10,707	10,952	9,574	9,525	7,335	20.....	12,315	14,190	11,319	13,282	11,117
2.....	10,627	12,640	10,659	11,984	10,176	21.....	11,639	13,615	10,615	12,666	10,038
3.....	9,810	11,863	9,692	11,858	9,917	22.....	9,544	10,333	8,018	8,284	6,760
4.....	9,133	9,818	7,752	8,396	7,236	23.....	8,337	10,233	8,382	9,509	8,294
5.....	8,463	9,751	7,953	9,359	8,423	24.....	8,113	9,829	8,323	9,850	8,983
6.....	12,829	16,800	14,597	18,122	15,342	25.....	12,956	17,007	16,642	21,316	22,012
7.....	13,543	17,304	15,885	20,923	19,259	26.....	9,019	11,545	10,871	14,336	15,360
8.....	7,995	9,648	8,390	9,914	9,201	27.....	9,123	12,752	12,815	18,358	19,155
9.....	7,447	7,945	5,899	5,298	4,320	28.....	9,995	12,191	10,516	12,667	11,973
10.....	7,114	8,168	6,226	5,995	4,873	29.....	8,193	9,819	8,057	10,121	9,645
11.....	8,593	10,019	7,914	8,555	6,966	30.....	10,167	11,881	9,668	10,794	9,555
12..	9,920	12,577	10,802	13,296	12,487	31.....	10,610	13,014	11,462	15,016	14,503
13.....	10,745	12,701	11,537	13,472	12,972	32.....	10,429	12,660	11,384	14,953	14,244
14.....	10,402	12,290	10,178	11,278	9,893	33.....	9,459	11,171	9,562	11,498	11,081
15.....	8,837	10,844	9,090	10,931	9,889	34.....	6,408	8,330	8,887	12,439	13,504
16.....	8,931	10,117	7,984	8,784	7,028	35.....	6,588	8,771	8,554	11,590	11,777
17.....	10,695	11,644	8,710	8,262	6,248	Cicero.....	912	1,159	1,090	1,789	1,835
18.....	9,098	9,658	8,393	8,340	7,952						
19.....	9,052	10,391	8,144	7,842	5,894	Totals.....	387,748	404,130	345,544	411,120	375,146

ONE-QUARTER OF ALL THE FAMILIES IN THE UNITED STATES ARE REACHED BY THE EIGHT AND ONE-HALF MILLION SHIPMENTS MADE ANNUALLY BY

SEARS, ROEBUCK & CO.

CHICAGO

NOTABLE BUILDINGS IN CHICAGO.

Name, location, height in stories, height in feet and approximate cost given in order.

Adams Express—185 Dearborn street; 10; 140; $450,000.
American Trust and Savings Bank—Clark and Monroe streets; 18; 272; $1,000,000.
Art Institute—Michigan avenue and Adams street; 3; 75; $600,000.
Ashland—Clark and Randolph streets; 16; 200; $1,500,000.
Atwood—Clark and Madison streets; 10; 141; $250,000.
Auditorium—Michigan avenue and Congress street; 11; 145 (to top of tower, 270); $3,200,000.
Auditorium Annex—Michigan avenue and Congress street; 11; 152; $1,000,000.
Auditorium Annex No. 2—230 Michigan avenue; 13; 180; $750,000.
Bedford—Adams and Dearborn streets; 14; 188; $475,000.
Blackstone Hotel—Michigan avenue and Hubbard court; 20; 220; $1,500,000.
Board of Trade—Jackson boulevard and LaSalle street; 9; 135; $1,800,000.
Borland—Monroe and LaSalle streets; 17; 239; $630,000.
Born—342-344 5th avenue; 12; 165; $300,000.
Born—337-339 Franklin street; 10; 165; $500,000.
Boston Store—State street and Calhoun place; 12; 195; $1,500,000.
Boyce—114 Dearborn street; 12; 155; $250,000.
Brevoort House—143-145 Madison street; 12; 175; $500,000.
Brooks—315 Franklin street; 10; 142; $330,000.
Cable—240-242 Wabash avenue; 10; 140; $350,000.
Carson, Pirie, Scott & Co.—State and Madison streets; 12; 168, $1,350,000.
Caxton—328 Dearborn street; 12; 150; $270,000.
Central Trust Bank—152 Monroe street; 3; 75; $250,000.
Chamber of Commerce—LaSalle and Washington streets; 13; 190; $1,000,000.
Champlain—State and Madison streets; 15; 197; $800,000.
Chicago Athletic Association—125 Michigan avenue; 10; 165; $600,000.
Chicago Athletic Association Addition—10-12 Madison street; 13; 214; $500,000.
Chicago Opera House—Clark and Washington streets; 10; 130; $600,000.
Chicago Savings Bank—State and Madison streets; 14; 196; $750,000.
Chicago Title and Trust—98 Washington street; 16; 210; $600,000.
Church—151-153 Wabash avenue; 12; 150; $300,000.
City Hall—LaSalle street, between Randolph and Washington streets; 12; 247; $5,000,000.
Columbus Memorial—State and Washington streets; 14; 251; $800,000.
Commercial National Bank—Clark and Adams streets; 18; 274; $3,800,000.
Congress Hotel—See Auditorium annex.
Continental—218 LaSalle street; 10; 135; $300,000.
Cook County Courthouse—Clark street, between Randolph and Washington streets; 12; 247; $5,000,000.
Corn Exchange National Bank—LaSalle and Adams streets; 16; 189; $1,000,000.
Counselman—LaSalle street and Jackson boulevard; 9; 145; $325,000.
Dexter—80-84 Adams street; 8; 140; $150,000.
Dry Goods Reporter—Market and Quincy streets; 12; 150; $130,000.
Ellsworth—355 Dearborn street; 14; 170; $300,000.
Fair—State and Adams streets; 11; 165; $1,500,000.
Farwell Trust—226-228 LaSalle street; 12; 165; $275,000.
Federal Building—See postoffice.
Field, Marshall (retail)—State street, between Randolph and Washington streets; 12; 225; $6,000,000.
Field, Marshall (wholesale)—Adams street and 5th avenue, 8; 130; $2,000,000.
Field Warehouse—West Polk and Ellsworth streets; 13; 160; $500,000.
Fine Arts—203 Michigan avenue; 10; 150; $750,000.
First National Bank—Dearborn and Monroe streets; 17; 257; $3,000,000.
Fisher—Dearborn and Van Buren streets; 20; 274; $965,000.
Fort Dearborn—Clark and Monroe streets; 12; 150; $400,000.
Gaff—230 LaSalle street; 9; 145; $275,000.
Gage—129-131 Michigan avenue; 12; 168; $500,000.
Gayety Theater—119 Clark street; 11; 125; $500,000.
Grand Central Station—Harrison street and 5th avenue; 7; 212½ (to top of tower); $1,000,000.
Great Northern Hotel—Dearborn street and Jackson boulevard; 17; 176; $900,000.
Gore's Hotel—266-274 Clark street; 9; 110; $200,000.
Harris Trust and Savings Bank—140 Monroe street; 21; 260; $2,500,000.
Hart, Schaffner & Marx—Franklin and Monroe streets; 12; 190; $1,000,000.
Hartford—Madison and Dearborn streets; 14; 165; $1,000,000.
Harvester—Michigan avenue and Harrison street; 15; 212; $1,000,000.
Heyworth—Madison street and Wabash avenue; 18; 286; $1,500,000.
Hibbard, Spencer, Bartlett & Co.—South Water and State streets; 10; 135; $1,000,000.
Hirsh, Wickwire and Co.—275 Franklin street; 10; 114; $500,000.
Home Insurance—LaSalle and Adams streets; 12; 156; $800,000.
Hunter—Madison and Market streets; 12; 148; $500,000.
Illinois Athletic Club—145 Michigan avenue; 12; 200; $500,000.
Illinois Central Station—Park row, near Michigan avenue; 13; 225 (to top of tower); $1,000,000.
Illinois Trust and Savings Bank—LaSalle street and Jackson boulevard; 2; 58; $300,000.
Isabella—48 Van Buren street; 10; 166; $200,000.
Karpen—Michigan avenue and Eldredge place; 12; 200; $1,400,000.
Kent—Franklin and Congress streets; 10; 140; $500,000.
Kesner—Madison street and Wabash avenue; 17; 226; $850,000.
Kling Bros. & Co.—291-293 5th avenue; 10; 150; $250,000.
Kohn—307-313 Franklin street; 10; 150; $300,000.
Kuppenheimer—299 Franklin street; 10; 150; $350,000.
Lakota—Michigan avenue and 30th street; 10; 140; $750,000.
LaSalle Hotel—LaSalle and Madison streets; 23; 260; $3,500,000.
LaSalle Street Station—Van Buren and LaSalle streets; 14; 192; $2,500,000.
Lees—147 5th avenue; 14; 165; $400,000.
Lexington Hotel—Michigan avenue and 22d street; 10; 130; $750,000.
Ludington—521-531 Wabash avenue; 8; 112; $275,000.
Majestic Theater—71-75 Monroe street; 20; 240; $1,000,000.
Mallers—226 LaSalle street; 12; 175; $275,000.
Mallers—Market and Quincy streets; 10; 150; $200,000.
Mandel—Wabash avenue and Madison street; 12; 170; $1,500,000.
Manhattan—307 Dearborn street; 16; 208; $700,000.
Marquette—Dearborn and Adams streets; 16; 229; $1,000,000.
Masonic Temple—State and Randolph streets; 21; 354 (to observation platform); $3,000,000.
Medinah Temple—5th avenue and Jackson boulevard; 12; 190; $500,000.
Mentor—State and Monroe streets; 16; 192; $500,000.
Merchants' Loan and Trust Bank—Clark and Adams streets; 12; 157; $1,000,000.
Monadnock—Dearborn and VanBuren streets; 16; 194; $2,000,000.
Monon—320 Dearborn street; 12; 160; $285,000.
Montgomery Ward—Michigan avenue and Madison street; 25; 394 (to top of tower); $1,500,000.
Municipal Court—148 Michigan avenue; 12; 174; $250,000.
McClurg—215-221 Wabash avenue; 9; 125; $200,000.
McCormick—Michigan avenue and Van Buren street; 20; 260; $1,000,000.
McNeill—242-246 Jackson boulevard; 10; 140; $250,000.
National Life—157 LaSalle street; 12; 160; $1,200,000.
Newberry Library—Clark street and Walton place; 5; 70; $850,000.
New York Life—LaSalle and Monroe streets; 14; 166; $1,000,000.
Northern Trust Bank—LaSalle and Monroe streets; 4; 74; $500,000.
Northwestern Railway (office)—213-221 Jackson boulevard; 14; 212; $2,000,000.

JOHN M. EWEN COMPANY

ENGINEERS

AND

BUILDERS

Appraisers of Damages Caused by Fire or Public Improvements

THE ROOKERY **CHICAGO**

Northwestern Railway (terminal station)—West Madison and Canal streets; 3; 116; $20,000,000 (including site).
Old Colony—Dearborn and Van Buren streets; 16; 203; $900,000.
Orchestra Hall—165-169 Michigan avenue; 8; 110; $900,000.
Palmer—266-268 Adams street; 10; 140; $450,000.
Palmer House—State and Monroe streets; 9; 100; $3,500,000.
Patten—Harrison and Sherman streets; 12; 168; $450,000.
People's Gas—Michigan avenue and Adams street; 20; 260; $3,000,000.
Pontiac—Dearborn and Harrison streets; 14; 170; $350,000.
Pope—121-127 Plymouth court; 12; 160; $290,000.
Post—160 Washington street; 11; 154; $225,000.
Postal Telegraph—137-153 Van Buren street; 11; 150; $800,000.
Postoffice—Adams and Clark streets; 8; 300 (to top of dome); $4,000,000.
Powers—Wabash avenue and Monroe street; 13; 160; $400,000.
Printers—Polk and Sherman streets; 8; 120; $400,000.
Public Library—Michigan avenue, between Randolph and Washington streets; 3; 95; $1,200,000.
Pullman—Adams street and Michigan avenue; 9; 125; $800,000.
Railway Exchange—Michigan avenue and Jackson boulevard; 17; 220; $1,600,000.
Rand-McNally—160-174 Adams street; 10; 142; $1,000,000.
Record-Herald—154-158 Washington street; 7; 124; $500,000.
Rector—Clark and Monroe streets; 13; 175; $700,000.
Reliance—State and Washington streets; 16; 200; $500,000.
Republic—State and Adams streets; 19; 260; $1,100,000.
Rialto—135 Van Buren street; 9; 144; $700,000.
Rookery—LaSalle and Adams streets; 11; 165; $1,500,000.
Rothschild—244 State street; 8; 138; $250,000.
Royal Insurance—165-173 Jackson boulevard; 13; 185; $800,000.
Schiller—103 Randolph street; 16; 211; $750,000.
Security—Madison street and 5th avenue; 14; 147; $450,000.
Sherman House—Clark and Randolph streets; 14; 200; $2,500,000.
Siegel, Cooper & Co.—State and Van Buren streets; 8; 123; $1,250,000.
Silversmiths—133 Wabash avenue; 10; 135; $250,000.
Spitz & Schoenberg—341-343 Franklin street; 10; 150; $250,000.
Star—354-356 Dearborn street; 12; 150; $250,000.
Steger—Wabash avenue and Jackson boulevard; 20; 250; $800,000.
Steinway—17 Van Buren street; 11; 188; $280,000.
Stewart—State and Washington streets; 12; 145; $800,000.
Stock Exchange—LaSalle and Washington streets; 13; 173; $1,250,000.
Studebaker—378 Wabash avenue; 10; 135; $350,000.
Tacoma—Madison and LaSalle streets; 13; 165; $500,000.
Temple—LaSalle and Monroe streets; 12; 185; $1,000,000.
Temple Court—217 Dearborn street; 9; 100; $300,000.
Teutonic—Washington street and 5th avenue; 10; 130; $500,000.
Theodore Thomas Hall—See Orchestra hall.
Tribune—Dearborn and Madison streets; 17; 244; $1,500,000.
Trude—Wabash avenue and Randolph street; 14; 190; $500,000.
Unity—75 Dearborn street; 16; 208; $800,000.
University Club—Michigan avenue and Monroe street; 9; 130; $1,150,000.
Van Buren—Van Buren street and 5th avenue; 10; 130; $250,000.
Venetian—34 Washington street; 13; 181; $350,000.
Virginia—Ohio and Rush streets; 10; 150; $500,000.
Vogue—286-290 5th avenue; 10; 150; $200,000.
Webster—161 Market street; 10; 150; $150,000.
Western Methodist Book Concern—57 Washington street; 11; 133½; $250,000.
Western Union—138 Jackson boulevard; 13; 176; $700,000.
Williams—196 Monroe street; 10; 140; $200,000.
Wilson—332-338 5th avenue; 10; 150; $500,000.
Y. M. C. A.—153 LaSalle street; 13; 225; $800,000.

The limit of height under the present building ordinance is 260 feet.

THE CHICAGO STREET-RAILWAY FRANCHISE.

Ordinances passed by city council Feb. 4, 1907; vetoed by mayor and passed over veto Feb. 11, 1907; approved by people on referendum vote April 2, 1907.

Systems to be reconstructed and rehabilitated within three years.

City to supervise rehabilitation through board of three engineers.

Life of grant not to extend in any event beyond Feb. 1, 1927.

City to receive 55 per cent and companies 45 per cent of the net profits from the operation of the roads.

Twenty-one through routes specified and provision made for others.

Fares for adults to be 5 cents for continuous trips in one general direction within the present or future city limits.

Transfers to be given at all connecting points on and to all lines except in section on south side between 12th street and the river.

Motive power of cars to be electricity applied by the overhead or underground trolley systems.

Cars to be of the latest and most approved pattern and to be kept clean and warm and well lighted.

Cars to be operated singly after one year.

Companies to pay $5,000,000 toward the construction of subways in the downtown section at the city's option.

City given the right to purchase the property of both the present great systems at any time upon giving six months' notice.

Agreed value of Union Traction company's property June 30, 1906, $29,000,000, and of the Chicago City Railway Company's property at same date, $21,000,000. The purchase price for the city is to be the aggregate of these two sums, with the value of work done and property acquired between the date named and the date of the passage of the ordinance and the cost of rehabilitation and extensions added.

CHICAGO'S BRIDGE SYSTEM.

The first ferry across the river was established in 1829, where the Lake street bridge now is. In 1833 a floating bridge of logs was in operation just north of the present Randolph street bridge. A foot bridge over the north branch was built in 1832 at Kinzie street. The first drawbridge over the main branch of the river was placed at Dearborn street in 1834. In 1854 a pivot bridge was built at Clark street. These and other bridges of that time were built by the persons most directly benefited by them. It was not until 1857 that a bridge was built entirely at the city's expense. This was the structure over the south branch at Madison street. It cost $30,000. Until 1872 the swing bridges were turned by hand, but in the year named steam power was installed on the Dearborn street structure and later on most of the other bridges in the downtown section were similarly equipped. In 1895 the Rush, Lake and Van Buren street bridges were operated by electric motors. The last named structure, which was opened for traffic in that year, was the first of the Scherzer rolling type. The Halsted street lift bridge, the first and only one of its kind, was opened in 1894 and was operated by steam. It cost the city $242,880.

There are at the present time in Chicago ninety-one bridges over the river, of which sixty-nine are maintained by the city and twenty-two by railroad companies. There are thirty-four viaducts of various kinds in the city.

Meacham & Wright Company

Cement and Brick

Chicago

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F. S. WRIGHT, Vice-Pres.
S. P. BLOUNT, Treas.
C. M. FOSTER, Sec'y.

CHICAGO SCHOOL CENSUS OF MAY 2, 1910.

Taken under the supervision of W. L. Bodine for the board of education.

ADULT POPULATION.

Owing to the fact that 1910 was the year of the decennial census of the United States taken by the government, the board of education did not take a count of the inhabitants 21 years of age and over. The supervisor of the school census, however, estimated the total population of the city at 2,100,000, exclusive of the large number of people living in the suburbs. He arrived at this result by making deductions for deaths and using a multiple of a trifle over 2½ applied to the minor population of 814,115 to include all the inhabitants, plus 1 per cent of the total population of 1908 for possible skips.

AGES AND SEX OF MINORS.

Age.	Male.	Female.	Total.
Under 4	81,535	84,968	166,503
Between 4 and 5	24,333	24,423	48,756
Between 5 and 6	24,013	23,415	47,428
Between 6 and 7	22,813	23,249	46,062
Between 7 and 14	126,108	125,448	251,556
Between 14 and 16	39,592	40,874	80,466
Over 16 and under 21	84,563	88,781	173,344
	402,957	411,158	814,115

The net increase of minors over the school census of May 4, 1908, was 66,768. In 1906 the increase shown was 25,958 and in 1908 the increase was 40,797.

CHILDREN UNDER 4 YEARS OF AGE.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	657	589	1,246	20....	1,491	1,601	3,092
2....	839	801	1,640	21....	837	933	1,770
3....	1,268	1,228	2,496	22....	2,150	2,336	4,486
4....	2,598	2,426	5,024	23....	1,514	1,681	3,195
5....	2,677	2,655	5,332	24....	2,035	2,033	4,068
6....	1,277	1,553	2,830	25....	2,683	3,037	5,720
7....	2,451	2,330	4,781	26....	2,400	2,628	5,028
8....	3,419	3,186	6,605	27....	4,453	4,435	8,888
9....	1,998	2,108	4,106	28....	2,404	2,592	4,996
10....	2,766	2,713	5,479	29....	4,047	4,163	8,210
11....	3,018	2,697	5,713	30....	2,060	2,169	4,229
12....	4,227	4,452	8,679	31....	2,992	3,166	6,158
13....	1,592	1,708	3,300	32....	2,467	2,366	4,833
14....	1,855	2,057	3,912	33....	3,050	3,355	6,405
15....	2,210	2,373	4,583	34....	2,337	2,528	4,865
16....	3,635	3,816	7,451	35....	2,089	2,298	4,387
17....	3,179	3,655	6,834				
18....	445	587	1,032	Total.	81,535	84,968	166,503
19....	2,417	2,713	5,130				

The 27th ward, which leads in the number of young children (8,888), is populated largely by Germans, Scandinavians and Poles. The 12th ward, with 8,679, is populated to a large extent by Bohemians, and the 29th ward, which is third with 8,210, is the home of many Poles and Lithuanians.

The block containing the most children May 2, 1910, was that bounded by Holt, Division, Blackhawk and Dickson streets in the north division. It had 1,126 minors. The district is Polish.

POPULATION AND AGES OF MINORS BY WARDS.

BETWEEN 4 AND 5.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	124	135	259	20....	413	405	818
2....	305	320	625	21....	275	260	535
3....	534	505	1,039	22....	583	556	1,139
4....	881	800	1,681	23....	153	169	322
5....	603	662	1,265	24....	714	669	1,383
6....	357	376	733	25....	669	716	1,385
7....	575	598	1,173	26....	876	873	1,749
8....	671	656	1,327	27....	2,261	2,198	4,459
9....	665	612	1,277	28....	804	996	1,800
10....	396	371	767	29....	1,078	1,116	2,194
11....	817	680	1,497	30....	358	417	775
12....	1,227	1,296	2,523	31....	1,054	1,245	2,299
13....	572	557	1,129	32....	787	695	1,482
14....	653	631	1,284	33....	1,216	1,120	2,336
15....	771	756	1,527	34....	1,052	1,137	2,189
16....	865	831	1,696	35....	688	713	1,401
17....	740	714	1,454				
18....	38	46	84	Total.	24,866	24,938	49,804
19....	1,091	1,107	2,198				

BETWEEN 5 AND 6.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	111	105	216	20....	443	441	884
2....	294	366	660	21....	201	194	395
3....	261	237	498	22....	657	602	1,259
4....	823	780	1,603	23....	197	205	402
5....	607	725	1,332	24....	508	467	975
6....	369	363	732	25....	718	625	1,343
7....	729	764	1,493	26....	905	889	1,794
8....	880	860	1,740	27....	2,214	2,231	4,445
9....	550	516	1,066	28....	981	774	1,755
10....	494	464	958	29....	1,135	1,172	2,307
11....	713	596	1,309	30....	436	364	800
12....	1,106	1,166	2,272	31....	1,301	1,122	2,423
13....	374	386	760	32....	713	834	1,547
14....	574	596	1,170	33....	1,088	1,163	2,251
15....	564	558	1,122	34....	1,148	1,001	2,149
16....	764	749	1,513	35....	703	619	1,322
17....	946	923	1,869				
18....	34	64	98	Total.	24,498	23,887	48,385
19....	957	967	1,924				

BETWEEN 6 AND 7.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	122	135	257	20....	480	443	923
2....	251	249	500	21....	262	222	484
3....	235	261	496	22....	633	579	1,212
4....	558	496	1,054	23....	374	397	771
5....	617	615	1,232	24....	554	624	1,178
6....	403	424	827	25....	817	952	1,769
7....	693	729	1,422	26....	877	769	1,646
8....	983	1,025	2,008	27....	1,451	1,308	2,759
9....	609	558	1,167	28....	804	949	1,753
10....	764	733	1,497	29....	946	1,139	2,085
11....	674	753	1,427	30....	693	613	1,306
12....	1,117	1,126	2,243	31....	902	814	1,716
13....	403	413	816	32....	644	811	1,455
14....	609	597	1,206	33....	827	904	1,731
15....	637	586	1,223	34....	784	597	1,381
16....	1,110	1,164	2,274	35....	610	748	1,358
17....	743	809	1,552				
18....	45	42	87	Total.	22,813	23,249	46,062
19....	582	665	1,247				

BETWEEN 7 AND 14.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	585	542	1,127	20....	2,702	2,661	5,363
2....	1,371	1,434	2,805	21....	1,279	1,288	2,567
3....	1,731	1,937	3,668	22....	3,108	3,120	6,228
4....	3,088	3,114	6,202	23....	2,486	2,347	4,833
5....	4,080	4,022	8,102	24....	3,331	3,361	6,692
6....	2,481	2,601	5,082	25....	4,345	4,419	8,764
7....	3,664	3,748	7,412	26....	4,697	4,565	9,262
8....	4,502	4,429	8,931	27....	8,159	7,509	15,668
9....	3,177	3,059	6,236	28....	4,457	4,492	8,949
10....	3,797	3,659	7,456	29....	5,671	5,408	11,079
11....	3,709	4,067	7,776	30....	3,505	3,734	7,239
12....	6,309	6,147	12,456	31....	5,084	5,100	10,184
13....	2,640	2,761	5,401	32....	4,073	4,099	8,172
14....	3,015	3,054	6,069	33....	4,384	4,255	8,639
15....	3,752	3,667	7,419	34....	3,896	4,075	7,971
16....	5,062	4,987	10,049	35....	3,872	3,656	7,523
17....	4,074	4,037	8,111				
18....	761	757	1,518	Totl.	126,108	125,448	251,556
19....	3,261	3,337	6,598				

BETWEEN 14 AND 16.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	181	132	313	20....	904	937	1,841
2....	407	405	812	21....	481	515	996
3....	510	575	1,085	22....	963	987	1,950
4....	765	778	1,543	23....	797	836	1,633
5....	1,135	1,193	2,328	24....	1,103	1,295	2,398
6....	898	988	1,886	25....	1,599	1,767	3,366
7....	1,236	1,339	2,575	26....	1,532	1,636	3,168
8....	1,272	1,307	2,579	27....	2,384	2,351	4,735
9....	815	869	1,684	28....	1,423	1,530	2,958
10....	1,291	1,326	2,617	29....	1,748	1,573	3,321
11....	1,074	1,240	2,314	30....	1,204	1,221	2,425
12....	2,026	1,993	4,019	31....	1,603	1,677	3,280
13....	928	1,032	1,960	32....	1,475	1,533	3,006
14....	1,060	1,132	2,192	33....	1,339	1,321	2,660
15....	1,075	1,133	2,208	34....	1,392	1,258	2,650
16....	1,574	1,543	3,117	35....	1,129	1,211	2,340
17....	1,119	1,103	2,222				
18....	179	151	330	Total.	39,592	40,874	80,466
19....	968	987	1,955				

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OVER 16 AND UNDER 21.

Ward.	Males.	Fem.	Total.	Ward.	Males.	Fem.	Total.
1....	265	248	513	20....	1,904	2,021	3,925
2....	834	764	1,598	21....	693	834	1,527
3....	865	894	1,759	22....	2,107	2,018	4,125
4....	2,016	2,022	4,038	23....	1,505	1,772	3,277
5....	2,552	2,702	5,254	24....	2,005	2,289	4,294
6....	1,956	2,556	4,512	25....	2,977	3,619	6,596
7....	2,863	3,411	6,274	26....	2,720	2,845	5,565
8....	2,870	2,617	5,487	27....	5,694	5,624	11,318
9....	1,804	1,936	3,740	28....	3,189	3,233	6,422
10....	2,170	2,096	4,266	29....	4,146	4,150	8,296
11....	2,692	2,631	5,323	30....	1,827	1,985	3,812
12....	3,972	3,736	7,708	31....	3,310	3,483	6,793
13....	2,300	2,622	4,922	32....	3,257	3,396	6,653
14....	1,634	1,738	3,372	33....	2,844	2,652	5,496
15....	2,419	2,670	5,089	34....	2,917	3,117	6,034
16....	3,241	3,649	6,890	35....	2,300	2,502	4,802
17....	2,572	2,816	5,388				
18....	629	586	1,215	Total.	83,560	87,779	171,339
19....	2,511	2,545	5,056				

STATISTICS OF SCHOOL ATTENDANCE (MAY 2, 1910).

ATTENDANCE OF CHILDREN BETWEEN 6 AND 7 YEARS OF AGE.

Ward.	Public schools. Male.	Female.	Total.	Private schools. Male.	Female.	Total.	Not in school for 30 days. Male.	Female.	Total.	To-tal.
1....	74	65	139	8	22	30	40	48	88	257
2....	172	136	308	31	40	71	48	73	121	500
3....	162	144	306	30	31	61	43	86	129	496
4....	282	212	494	77	95	172	199	189	388	1,054
5....	354	329	683	136	141	267	137	145	282	1,232
6....	229	239	468	86	100	186	83	85	173	827
7....	460	456	916	83	101	184	150	172	322	1,422
8....	592	551	1,143	80	120	200	311	354	665	2,008
9....	466	423	889	56	61	117	87	74	161	1,167
10....	557	550	1,107	80	63	143	127	120	247	1,497
11....	327	367	694	122	155	277	225	231	456	1,427
12....	645	597	1,242	218	226	444	254	303	557	2,243
13....	211	201	412	86	117	203	106	95	201	816
14....	401	385	786	80	96	176	128	116	244	1,206
15....	465	395	860	66	77	143	106	114	220	1,223
16....	427	436	863	198	154	352	435	574	1,059	2,274
17....	331	363	694	106	121	227	306	325	631	1,552
18....	23	26	54	4	5	9	13	11	24	87
19....	389	427	816	114	121	235	79	117	196	1,247
20....	282	265	547	69	65	134	129	113	242	923
21....	159	130	289	55	63	118	48	29	77	484
22....	354	357	711	124	105	229	155	117	272	1,212
23....	196	212	408	82	92	174	96	93	189	771
24....	282	307	589	153	161	314	119	156	275	1,178
25....	566	611	1,177	113	164	277	138	177	315	1,769
26....	602	489	1,091	118	123	241	157	157	314	1,646
27....	930	806	1,736	202	171	373	319	331	650	2,759
28....	503	555	1,058	104	114	218	197	280	477	1,753
29....	477	643	1,120	261	291	552	208	205	413	2,085
30....	433	354	787	174	157	331	86	102	188	1,306
31....	581	505	1,086	139	144	283	182	165	347	1,716
32....	398	503	901	155	198	353	91	110	201	1,455
33....	601	635	1,236	170	196	366	56	73	129	1,731
34....	457	328	785	201	163	364	126	106	232	1,381
35....	396	459	855	111	154	265	103	135	238	1,358
Ttl..	13789	13461	27250	3882	4207	8089	5142	5581	10723	46062

ATTENDANCE OF CHILDREN BETWEEN 7 AND 14 YEARS OF AGE.

Ward.	Public schools. Male.	Female.	Total.	Private schools. Male.	Female.	Total.	Not in school for 30 days. Male.	Fem.	Total.
1	479	421	900	103	103	206	3	18	21
2	1,083	1,170	2,253	265	250	515	23	14	37
3	1,434	1,470	2,904	272	435	707	25	32	57
4	1,845	1,753	3,598	1,192	1,337	2,529	51	24	75
5	3,554	2,387	4,941	1,418	1,510	2,928	108	125	233
6	1,945	1,948	3,893	485	601	1,086	51	52	103
7	3,026	3,025	6,051	604	688	1,292	34	35	69
8	2,957	2,840	5,797	1,483	1,491	2,974	62	98	160
9	2,758	2,592	5,350	387	434	821	32	33	65
10	3,527	3,141	6,468	438	495	933	22	23	55
11	2,293	2,456	4,749	1,372	1,553	2,925	44	58	102
12	4,739	4,434	9,173	1,622	1,621	3,143	48	92	140
13	1,857	1,842	3,699	758	878	1,636	25	41	66
14	2,412	2,432	4,844	572	578	1,150	31	44	75
15	3,122	3,054	6,176	591	567	1,158	39	46	85
16	2,110	1,967	4,077	2,751	2,699	5,450	201	321	522
17	2,549	2,534	5,083	1,407	1,390	2,797	118	113	231
18	672	644	1,316	76	97	173	13	16	29
19	2,688	2,625	5,313	530	619	1,149	43	93	136
20	2,183	2,118	4,301	452	490	942	67	53	120
21	936	871	1,807	320	398	718	23	19	42
22	2,292	2,220	4,512	781	857	1,638	35	43	78
23	1,854	1,732	3,586	594	591	1,185	38	24	62
24	1,947	1,954	3,901	1,351	1,360	2,711	33	47	80
25	3,759	3,633	7,392	634	731	1,265	52	55	107
26	3,781	3,690	7,471	859	828	1,687	57	47	104
27	6,465	6,162	12,630	1,584	1,225	2,809	107	122	229
28	3,553	3,526	7,079	830	871	1,701	74	95	169
29	3,588	3,339	6,927	2,008	1,987	3,995	75	82	157
30	2,658	2,671	5,329	823	1,027	1,850	24	36	60
31	4,127	4,099	8,226	905	953	1,858	52	48	100
32	3,426	3,392	6,818	620	679	1,299	27	28	55
33	3,782	3,676	7,458	576	557	1,133	26	22	48
34	2,837	2,861	5,698	1,018	1,186	2,204	41	28	69
35	3,436	3,188	6,624	424	453	877	12	15	27
	94477	91867	186344	29905	31539	61444	1726	2042	3768

NOTE—"Not in school for 30 days" represents children who attend, but were temporarily absent for cause and excused by principals or teachers.

ATTENDANCE BETWEEN 14 AND 16.

Ward.	Public schools. Male.	Female.	Total.	Private schools. Male.	Female.	Total.	Not in school for 30 days. Male.	Fem.	Total
1	96	70	166	23	14	37	..	..	..
2	240	259	499	75	76	151	7	5	12
3	348	418	766	66	86	152	..	..	..
4	269	278	547	181	216	397	1	1	2
5	448	461	909	267	278	545	291	346	637
6	575	597	1,172	236	323	559	42	36	78
7	879	977	1,856	232	245	477	83	90	173
8	775	721	1,496	219	211	430	129	163	292
9	469	492	961	144	148	292	124	136	260
10	645	661	1,306	103	108	211	283	280	563
11	468	448	916	168	204	372	241	336	577
12	1,109	896	2,005	352	376	728	202	262	464
13	549	587	1,136	157	262	419	99	94	193
14	598	615	1,213	162	186	348	99	140	239
15	653	616	1,269	115	143	258	173	242	415
16	533	383	916	256	258	514	324	388	712
17	527	427	954	206	198	404	286	393	679
18	43	41	89	59	45	104	39	34	73
19	526	481	1,007	140	183	323	117	161	278
20	609	603	1,212	150	182	332	76	103	179
21	269	283	552	96	117	213	48	54	102
22	475	479	954	188	153	341	153	192	345
23	409	381	790	179	208	387	141	165	306
24	390	498	888	247	260	507	215	273	488
25	1,052	1,146	2,198	302	391	693	96	114	210
26	885	946	1,831	288	299	587	210	243	453
27	1,324	1,217	2,541	272	278	550	398	487	885
28	802	822	1,624	228	230	458	183	243	426
29	907	716	1,623	199	161	360	303	372	675
30	667	682	1,349	212	232	444	162	183	345
31	975	961	1,936	233	270	503	207	253	460
32	948	965	1,913	180	248	428	70	117	187
33	989	912	1,901	138	181	319	125	149	274
34	698	640	1,338	282	300	582	228	281	509
35	766	816	1,582	103	114	216	81	178	259
	21,920	21,495	43,415	6,452	7,184	13,636	5,236	6,514	11,750

ATTENDANCE OVER 16 AND UNDER 21.

Ward.	Public schools. Male.	Female.	Total.	Private schools. Male.	Female.	Total.	Not in school for 30 days. Male.	Fem'a.	Total.
1.....	25	6	31	9	15	24	231	227	458
2.....	102	109	211	56	85	141	676	570	1,246
3.....	124	171	295	77	93	170	664	630	1,294
4.....	24	22	46	30	35	65	1,962	1,965	3,927
5.....	239	257	496	138	172	310	2,175	2,273	4,448
6.....	503	650	1,153	382	696	1,078	1,071	1,210	2,281
7.....	660	750	1,410	744	805	1,549	1,459	1,856	3,315
8.....	570	614	1,184	483	312	792	1,820	1,691	3,511
9.....	271	235	506	522	527	1,049	1,011	1,174	2,185
10.....	539	494	1,033	667	475	1,142	964	1,127	2,091
11.....	421	195	616	507	704	1,211	1,764	1,732	3,496
12.....	1,030	918	1,948	459	447	906	2,483	2,371	4,854
13.....	266	332	598	306	338	644	1,728	1,952	3,680
14.....	304	299	603	198	233	431	1,132	1,206	2,338
15.....	493	423	916	188	230	418	1,738	2,017	3,755
16.....	463	248	711	387	516	903	2,391	2,885	5,276
17.....	305	301	606	248	254	502	2,019	2,261	4,280
18.....	34	29	63	54	46	100	541	511	1,052
19.....	500	419	919	157	183	340	1,854	1,943	3,797
20.....	558	534	1,092	240	275	515	1,106	1,212	2,318
21.....	249	264	513	205	212	417	239	358	597
22.....	351	324	675	170	162	332	1,586	1,532	3,118
23.....	196	219	415	184	305	489	1,125	1,248	2,373
24.....	235	238	473	233	264	497	1,537	1,787	3,324

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Ward.	Public schools. Male.	Female.	Total.	Private schools. Male.	Female.	Total.	Not in school for 30 days. Male	Female.	Total
25.....	918	858	1,776	591	609	1,200	1,468	2,152	3,620
26.....	482	526	1,008	224	243	467	2,014	2,076	4,090
27.....	661	673	1,334	249	246	495	4,784	4,705	9,489
28.....	624	604	1,228	347	344	691	2,218	2,285	4,503
29.....	518	540	1,058	185	198	383	3,443	3,412	6,855
30.....	331	357	688	190	242	432	1,306	1,386	2,692
31.....	759	829	1,588	269	285	554	2,282	2,369	4,651
32.....	632	647	1,279	284	317	601	2,341	2,432	4,773
33.....	799	678	1,477	202	227	429	1,843	1,747	3,590
34.....	454	377	831	168	253	421	2,295	2,487	4,782
35.....	345	444	789	178	210	388	1,777	1,848	3,625
	14935	14584	29569	9528	10558	20086	59047	62637	121684

NATIVITY OF MINORS.

	American born. Father American.	Foreign born.	American born. Father foreign.	Total.
American	248,102	.....	.....	248,102
Negro	8,627	.....	.....	8,627
Austrian	.....	2,914	15,502	18,416
Belgian	.....	289	812	1,101
Bohemian	.....	3,429	40,608	44,037
Bulgarian	.....	19	81	100
Canadian	.....	1,112	11,351	12,463
Chinese	.....	52	103	155
Croatian	.....	63	285	348
Danish	.....	437	6,186	6,623
English	.....	1,317	11,773	13,090
Finnish	.....	112	356	468
French	.....	100	1,422	1,522
German	.....	5,820	126,403	132,223
Hollander	.....	1,089	7,272	8,361
Greek	.....	369	780	1,149
Hungarian	.....	2,058	6,744	8,802
Irish	.....	1,093	46,952	48,045
Italian	.....	6,179	31,140	37,319
Japanese	.....	9	29	38
Lithuanian	.....	1,117	7,935	9,052
Mexican	.....	2	32	34
Norwegian	.....	1,045	12,648	13,693
Polish	.....	8,247	86,185	94,432
Roumanian	.....	687	983	1,670
Russian	.....	13,853	40,974	54,827
Scotch	.....	652	4,578	5,230
Servian	.....	18	84	102
Spanish	.....	17	87	104
Swedish	.....	1,738	38,087	39,825
Swiss	.....	180	1,578	1,758
Welsh	.....	78	729	807
Other countries	.....	285	1,337	1,622
Total	256,729	54,380	503,006	814,115

NATIVITY STATISTICS OF MINORS BY WARDS.

In the following tables the abbreviations "For." and "Amer." signify "foreign born" and "American born, father foreign," respectively.

Ward.	Ameri-can.	Ne-gro.	Austrian. For.	Amer.	Belgian. For.	Amer.	Bohemian. For.	Amer.
1	682	178	13	20	1	1	..	2
2	3,633	1,502	11	34	..	8	2	23
3	4,999	1,995	20	114	1	2	8	86
4	5,611	8	75	616	9	7	35	594
5	6,354	7	39	245	2	8	8	641
6	10,537	125	19	202	3	3	2	19
7	15,299	254	7	141	3	21	4	21
8	7,516	5	151	2,071	17	14	13	131
9	1,592	2	296	839	3	4	144	1,386
10	1,943	10	317	1,035	41	49	916	7,694
11	3,524	..	149	583	13	72	363	3,368
12	6,552	42	134	563	..	1	977	13,303
13	10,567	29	8	110	2	17	1	63
14	8,576	1,267	42	269	7	15	10	40
15	5,337	..	151	988	7	63	51	432
16	2,869	2	173	718	2	14	10	32
17	2,237	..	246	904	1	10	7	183
18	2,327	103	9	35	9	..	3	15
19	2,401	..	68	218	4	20	24	261
20	6,336	22	36	238	4	17	5	52
21	4,617	83	15	53	2	5	1	19
22	4,203	47	14	128	6	22	2	44
23	6,603	20	66	184	2	5	8	46
24	7,140	..	87	229	37	84	5	76
25	15,962	6	29	147	14	31	..	29
26	10,584	15	35	133	10	31	3	43
27	16,825	16	106	683	33	80	89	781
28	6,513	3	26	247	17	100	9	140
29	6,175	18	233	1,783	4	14	330	3,367
30	7,336	2,259	133	91	6	12	1	38
31	12,866	518	43	189	3	5	21	190
32	13,359	55	13	159	3	4	14	125
33	7,707	8	172	804	16	33	40	274
34	10,026	6	37	419	..	5	321	6,967
35	9,294	22	41	310	7	35	3	123
	248,102	8,627	2,914	15,502	289	812	3,429	40,608

Ward.	Bulgarian. For.	Amer.	Canadian. For.	Amer.	Chinese. For.	Amer.	Croatian. For.	Amer.
1	..	..	9	40	13	46	6	22
2	..	..	24	221	..	2	..	..
3	..	..	17	234	..	4	..	1
4	1	7	24	253	..	..	27	44
5	..	..	32	560	..	..	..	..
6	..	1	29	325	..	..	..	..
7	..	..	102	819	3	15	..	..
8	1	1	16	323	..	3	1	40
9	..	4	2	15	..	..	1	16
10	1	2	17	47	1	1	14	47
11	..	..	7	122	..	..	10	52
12	..	10	14	261	..	..	..	20
13	..	2	67	705	6	3	..	..
14	..	9	67	280	..	..	..	2
15	1	2	4	103	..	1	..	..
16	7	..	8	47	..	..	..	..
17	..	..	4	62	..	..	..	..
18	3	1	36	98	..	2	..	..
19	..	7	56	356	..	..	..	..
20	..	..	59	408	1	..	..	..
21	..	..	33	174	..	1	..	..
22	..	..	2	91	..	3	2	2
23	..	1	26	117	1	3	..	..
24	..	5	21	186	..	..	..	..
25	..	..	43	527	1	6	..	1
26	..	3	31	355	1	..	..	9
27	..	..	31	582	..	2	..	3
28	..	..	16	219	..	..	..	..
29	..	7	40	417	..	..	..	..
30	..	..	22	298	..	9	2	1
31	..	1	52	742	..	1	..	14
32	..	3	98	703	..	..	..	4
33	..	..	60	748	24	..	..	..
34	2	12	11	375	..	..	..	7
35	3	3	32	537	1	1	..	..
	19	81	1,112	11,351	52	103	63	285

Ward.	Danish. For.	Amer.	English. For.	Amer.	Finnish. For.	Amer.	French. For.	Amer.
1	..	8	10	42	..	..	..	4
2	5	69	17	227	..	4	3	40
3	10	134	23	291	..	6	5	43
4	6	50	19	195	18	33	2	30
5	4	16	15	238	..	14	1	39
6	20	159	32	333	..	4	2	33
7	17	253	97	797	..	1	5	58
8	6	195	46	489	..	1	1	26
9	..	3	12	71	..	..	7	5
10	..	2	60	100	..	..	..	11
11	..	15	26	108	..	3	..	10
12	2	39	34	308	..	5	3	29
13	4	67	68	534	..	..	6	52
14	1	175	38	382	4	7	1	55
15	57	501	44	163	7	7	..	20
16	1	28	8	57	..	..	..	23
17	9	120	16	50	2	8	1	12
18	1	33	27	117	..	2	..	24
19	1	17	35	137	2	..	3	41
20	2	60	53	324	..	..	3	59
21	4	35	43	225	1	1	2	38
22	..	28	13	110	18	59	3	59
23	1	47	36	141	6	24	8	47
24	6	53	17	171	..	3	4	63
25	4	118	39	542	9	42	9	44
26	3	158	53	451	1	27	8	76
27	91	1,068	47	774	11	19	5	74
28	83	1,193	22	383	..	9	1	60
29	..	54	33	329	..	4	3	59
30	1	121	33	238	3	5	..	30
31	33	300	77	847	3	19	3	40
32	18	144	60	751	7	..	3	42
33	17	292	82	658	4	21	3	69
34	4	35	24	408	..	..	1	39
35	26	587	55	682	16	28	4	42
	437	6,186	1,317	11,773	112	356	100	1,422

Ward.	German. For.	Amer.	Greek. For.	Amer.	Hollander. For.	Amer.	Hungarian For.	Amer.
1	15	139	5	8	..	..	11	12
2	42	875	2	28	2	19	5	35

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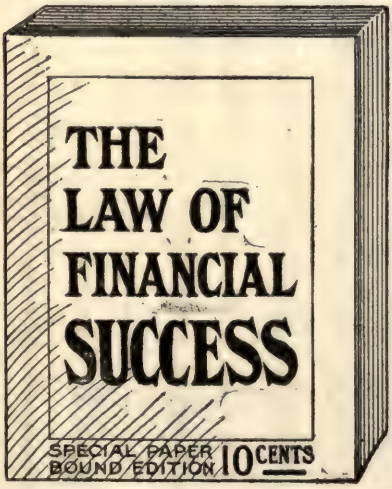

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3	31	786	1	16	..	18	6	55
4	139	3,250	2	9	1	40	41	52
5	158	5,552	1	21	7	17	11	39
6	77	2,790	4	4	4	31	4	90
7	80	2,398	12	33	..	32	61	132
8	206	2,850	..	13	..	31	33	1,258
9	49	1,130	9	12	5	24	135	380
10	58	570	3	5	39	226	72	158
11	180	3,168	8	15	161	474	55	153
12	229	5,532	10	13	8	118	92	103
13	48	2,047	3	12	1	78	14	42
14	81	1,986	1	14	8	83	61	331
15	202	6,075	2	10	1	52	104	568
16	215	3,466	4	5	1	6	87	183
17	155	1,609	7	25	..	20	100	274
18	42	292	22	22	..	3	32	21
19	46	430	112	135	2	3	84	148
20	48	933	9	18	3	41	26	53
21	120	936	21	49	..	4	28	68
22	310	3,437	12	21	2	13	103	180
23	448	4,921	3	28	15	22	187	258
24	418	9,148	..	11	5	10	157	148
25	193	5,832	6	24	2	33	16	50
26	255	9,318	6	10	1	29	21	50
27	481	12,799	3	15	30	161	54	176
28	116	5,624	1	17	9	64	18	110
29	322	7,312	5	12	15	53	100	572
30	155	1,980	13	25	8	55	67	175
31	481	4,224	7	51	85	455	5	47
32	96	4,188	12	39	210	1,028	10	40
33	223	3,484	58	31	424	3,679	238	592
34	51	3,753	..	17	15	193	4	106
35	55	3,569	5	12	25	175	16	85
	5,820	126,403	369	780	1,089	7,272	2,058	6,744

	Irish. For.	Irish. Amer.	Italian. For.	Italian. Amer.	Japanese. For.	Japanese. Amer.	Lithuanian For.	Lithuanian Amer.
1	3	63	457	1,613	..	..	..	..
2	24	470	18	217	..	1	..	3
3	13	857	14	156	1	2	..	..
4	16	1,523	318	1,213	..	..	106	1,404
5	41	3,671	13	67	..	..	172	1,691
6	36	724	6	46	..	..	..	..
7	70	1,630	8	83	..	1	6	..
8	17	1,331	42	250	1	3	25	144
9	6	280	59	257	..	..	299	1,225
10	4	441	7	52	..	..	1	20
11	34	784	3	63	..	..	52	150
12	14	1,062	120	312	6	..	101	358
13	49	2,020	15	229	..	..	3	5
14	25	1,502	133	1,803	..	..	..	2
15	5	246	8	91	..	6	..	..
16	11	293	22	76	..	..	19	93
17	5	296	737	4,593	..	..	3	10
18	..	327	40	186	..	2	2	..
19	48	1,300	2,042	9,659	..	..	1	26
20	37	917	16	246	..	..	..	5
21	37	540	48	196	..	..	..	..
22	61	1,375	1,545	5,762	..	..	..	..
23	7	258	8	71	..	4	..	2
24	81	624	36	89	..	..	..	..
25	18	702	5	73	..	2	..	..
26	27	572	4	121	..	..	..	..
27	20	1,017	22	291	..	1	2	15
28	7	458	2	130	..	..	3	18
29	111	3,366	9	45	..	..	307	2,588
30	58	5,676	50	348	..	..	..	70
31	49	4,238	60	566	..	7	3	4
32	63	3,320	15	166	1	..	..	14
33	32	1,217	267	1,827	..	..	11	82
34	42	2,750	2	82	..	..	..	5
35	22	1,072	23	161	..	..	..	1
	1,093	46,922	6,179	31,140	9	29	1,117	7,935

	Mexican. For.	Mexican. Amer.	Norwegian. For.	Norwegian. Amer.	Polish. For.	Polish. Amer.	Roumanian. For.	Roumanian. Amer.
1	..	..	2	6	26	22	..	6
2	..	3	3	33	3	50	5	14
3	1	2	1	27	2	59	6	5
4	..	..	8	30	235	4,321	..	3
5	..	1	..	41	376	3,311	2	13
6	..	2	2	37	2	47	..	12
7	..	1	12	116	7	71	2	8
8	..	1	3	151	998	6,865	..	6
9	..	..	..	3	246	778	150	132
10	..	..	1	10	135	551	174	238
11	..	..	1	35	800	5,737	44	69
12	..	..	4	118	511	4,636	4	28
13	..	..	3	96	7	28	3	9
14	..	1	17	406	33	492	..	1
15	..	..	134	1,283	88	566	12	50
16	..	..	..	59	1,514	20,125	16	21
17	..	2	99	798	1,221	12,357	..	..
18	..	2	4	32	6	57	1	5
19	..	6	..	7	142	638	179	164
20	..	..	13	81	10	77	41	71
21	..	2	6	28	5	62	..	..
22	..	..	5	83	58	473	..	9
23	..	1	5	31	3	49	1	..
24	1	5	8	64	74	970	6	1
25	..	..	15	169	6	64	1	3
26	..	1	14	143	7	53	1	3
27	..	..	266	3,659	259	6,654	..	19
28	..	..	260	2,093	321	7,736	2	23
29	..	..	3	36	1,064	7,622	6	23
30	..	..	..	58	1	41	1	6
31	..	1	15	168	4	52	6	4
32	..	..	4	86	13	96	1	5
33	..	1	42	261	146	980	23	13
34	..	..	4	58	10	425	..	19
35	..	..	91	2,342	13	129	..	..
	2	32	1,045	12,648	8,247	86,185	687	983

	Russian. For.	Russian. Amer.	Scotch. For.	Scotch. Amer.	Servian. For.	Servian. Amer.	Spanish. For.	Spanish. Amer.
1	53	232	..	2	..	6	..	..
2	72	359	26	51	..	..	..	6
3	52	364	19	120	..	..	..	5
4	28	150	11	104	..	..	..	..
5	77	242	4	125	..	..	..	..
6	44	351	21	92	..	..	4	2
7	76	445	39	257	..	..	..	3
8	71	471	31	188	..	5	..	8
9	2,886	6,665	..	10	..	..	..	..
10	2,619	5,309	..	3	..	1	3	..
11	1,171	3,528	2	30	..	2	5	..
12	273	2,752	1	90	..	..	..	14
13	97	487	22	302	..	10	..	..
14	94	320	12	121	..	1	..	..
15	1,029	3,779	9	92	..	..	1	..
16	881	1,791	7	9	..	..	..	..
17	183	585	4	27	..	..	..	..
18	60	240	8	44	..	..	..	2
19	1,810	3,299	3	49	..	6	..	..
20	1,169	4,941	20	161	..	6	1	3
21	41	141	7	59	2	1	..	6
22	48	207	3	27	..	1	..	7
23	38	138	3	39	..	1	1	1
24	30	79	9	68	..	26	..	2
25	35	136	7	101	..	2	1	1
26	11	66	12	108	..	2	..	5
27	172	258	33	280	..	..	..	3
28	131	538	16	152	..	..	..	3
29	65	566	16	118	1	1	..	2
30	63	240	11	142	2	2	..	3
31	130	442	120	416	..	..	..	2
32	110	239	65	418	1	..	..	1
33	194	887	54	296	10	8	1	1
34	25	390	12	215	..	..	..	3
35	34	145	45	262	2	3	..	3
	13,853	40,974	652	4,578	18	84	17	87

	Swedish. For.	Swedish. Amer.	Swiss. For.	Swiss. Amer.	Welsh. For.	Welsh. Amer.	Others. For.	Others. Amer.
1	2	23	..	14	..	6	25	82
2	34	380	2	30	1	1	6	4
3	32	355	2	16	2	10	2	13
4	4	385	2	64	..	2	2	18
5	9	412	..	24	..	84	39	306
6	23	251	2	20	..	4	7	15
7	62	1,402	3	55	5	41	7	55
8	79	2,267	..	33	2	89	27	110
9	..	19	..	2	2	2	18	81
10	..	16	..	2	1	..	9	13
11	5	165	..	19	..	..	6	21
12	50	876	4	24	..	5	19	116
13	8	120	..	42	11	127	5	34
14	20	315	9	30	7	21	7	16
15	41	703	..	38	..	12	3	22
16	4	62	5	6	..	1	2	6
17	24	329	2	35	..	5	8	15
18	3	35	1	3	..	6	2	16
19	..	6	..	13	..	6	26	66
20	7	131	1	26	2	25	7	23

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Ward.	Swedish. For.	Amer.	Swiss. For.	Amer.	Welsh. For.	Amer.	Others. For.	Amer.
21	27	388	5	46	3	7	11	28
22	93	1,584	..	96	..	7	11	5
23	29	377	6	90	..	1	8	2
24	43	595	6	64	..	3	..	20
25	139	3,585	5	66	4	12	7	25
26	161	4,992	1	132	6	14	1	35
27	159	3,703	21	201	2	39	2	35
28	57	1,648	1	25	4	2	..	3
29	23	172	..	55	8	5	..	18
30	16	637	2	27	..	22	2	11
31	192	4,875	54	64	6	31	..	22
32	77	1,127	13	71	..	30	1	23
33	195	3,088	30	69	10	43	20	59
34	18	280	3	27	2	23	..	8
35	99	2,794	..	49	..	43	..	11
	1,738	38,087	180	1,578	78	729	285	1,337

TEACHERS IN SCHOOLS OF CHICAGO.

Ward.	Public schools— Male.	Female.	Total.	Private schools— Male.	Female.	Total.	Grand total.
1	4	33	37	..	5	5	42
2	4	38	42	2	35	37	79
3	20	159	179	..	..	..	179
4	5	146	151	2	52	54	205
5	4	119	123	16	64	80	203
6	3	146	149	..	67	67	216
7	18	231	249	..	21	21	270
8	9	176	185	6	57	63	248
9	5	157	162	7	37	44	206
10	10	213	223	2	41	43	266
11	5	115	120	7	51	58	178
12	9	245	254	13	52	65	319
13	2	128	130	2	43	45	175
14	4	168	172	1	36	37	209
15	24	211	235	14	22	36	271
16	3	87	90	8	71	79	169
17	5	124	129	6	64	70	199
18	2	58	60	8	25	33	93
19	4	157	161	3	17	20	181
20	54	125	179	7	33	40	219
21	49	87	136	2	9	11	147
22	3	79	82	3	25	28	110
23	12	160	172	15	33	48	220
24	4	123	127	5	38	43	170
25	5	228	233	2	21	23	256
26	22	218	240	10	32	42	282
27	39	332	371	9	41	50	421
28	8	219	227	5	36	41	268
29	7	200	207	10	110	120	327
30	25	160	185	2	50	52	237
31	26	228	254	3	44	47	301
32	18	277	295	1	22	23	318
33	11	214	225	8	46	54	279
34	3	215	218	3	66	69	287
35	14	210	224	..	17	17	241
Total	446	5,786	6,226	182	1,383	1,565	7,791

NOTE—The number of teachers in business colleges and other private educational institutions not included in the above table consists of 627 males and 475 females, or a total of 1,102.

MINORS BETWEEN 14 AND 16 AT WORK.

Ward.	Store and office. Male.	Fem.	T'l.	Factory— Male.	Fem.	T'l.	Miscellaneous. Male.	Fem.	T'l.
1	13	18	31	13	10	23	36	20	56
2	48	20	68	23	11	34	19	34	53
3	50	33	83	13	9	22	33	29	62
4	130	92	222	74	97	171	110	94	204
5	71	39	110	27	14	41	31	55	86
6	23	11	34	12	12	24	10	9	19
7	19	13	32	15	8	23	8	6	14
8	45	90	135	60	87	147	44	35	79
9	20	23	43	35	25	60	23	45	68
10	42	37	79	83	75	158	135	165	300
11	55	84	139	62	75	137	80	93	173
12	125	162	287	182	127	309	56	170	226
13	35	43	78	42	13	55	46	33	79
14	50	32	82	62	65	127	89	94	183
15	40	46	86	38	52	90	56	34	90
16	111	252	363	280	180	460	70	82	152
17	20	22	42	43	35	78	37	28	65
18	11	10	21	12	9	21	10	12	22
19	42	41	83	53	50	103	90	71	161
20	23	13	36	13	11	24	33	25	58
21	22	29	51	18	11	29	28	21	49
22	53	60	92	45	52	97	70	51	121
23	40	30	70	8	13	21	20	39	59
24	107	79	186	37	46	83	107	139	246
25	77	51	128	21	10	31	51	55	106
26	75	60	135	38	32	70	36	56	92
27	171	99	270	68	77	145	151	193	344
28	83	74	157	85	73	158	52	88	140
29	109	102	211	98	110	208	132	112	244
30	42	35	77	24	26	50	97	63	160
31	82	75	157	53	60	113	53	58	111
32	165	98	263	42	52	94	68	53	121
33	23	25	48	15	16	31	49	38	87
34	62	10	72	51	5	56	71	22	93
35	50	42	92	62	29	91	68	32	100
Total	2,108	1,950	4,058	1,807	1,577	3,384	2,069	2,154	4,223

ILLITERATE MINORS 12 AND OVER AND UNDER 21.

(Neither read nor write any language.)

Ward.	Males.	Fem.	T'l.	Ward.	Males.	Fem.	T'l.
1	3	5	8	20	5	3	8
2	4	8	12	21	6	5	11
3	3	4	7	22	7	3	10
4	5	3	8	23	5	2	7
5	1	2	3	24	4	3	7
6	..	..	..	25	9	10	19
7	4	6	10	26	4	7	11
8	1	3	4	27	5	6	11
9	8	6	14	28	2	1	3
10	5	5	10	29	2	2	4
11	7	12	19	30	1	2	3
12	6	8	14	31	1	4	5
13	5	4	9	32	4	6	10
14	7	8	15	33	9	6	15
15	11	10	21	34	8	4	12
16	9	11	20	35	6	8	14
17	14	18	32				
18	12	15	27	Total	191	210	401
19	8	10	18				

MINORS WHO ARE DEAF, DUMB, BLIND OR CRIPPLED.

Ward.	Deaf— Male.	Fem.	Dumb— Male.	Fem.	Blind— Male.	Fem.	Crippled— Male.	Fem.
1	1	..	1	..	..	..	2	3
2	8	2	7	1	7	8	11	9
3	5	6	3	1	10	1	5	9
4	7	12	1	2	2	1	3	6
5	6	5	4	3	4	2	..	..
6	6	3	5	4	7	2	6	5
7	14	35	4	1	2	3	4	5
8	7	6	3	4	2	1	10	6
9	2	2	2	1	1	1	2	3
10	2	..	6	2	2	1	5	8
11	4	2	3	2	1	1	2	4
12	3	7	3	4	59	32	4	8
13	5	4	1	6	1	1	3	2
14	2	2	3	3	1	1	3	4
15	8	14	1	1	6	5	2	3
16	12	9	7	8	2	2	4	3
17	4	7	6	7	2	1	9	5
18	6	2	3	2	4	1	2	3
19	20	29	10	11	7	4	5	3
20	4	2	1	4	10	9	1	4
21	4	4	2	2	4	3	2	1
22	4	2	3	1	2	3	4	3
23	14	16	10	8	6	4	1	..
24	5	4	1	3	5	3	15	7
25	6	5	3	4	3	3	..	2
26	3	13	10	3	11	..	5	5
27	11	10	13	1	..	..	10	5
28	7	6	2	2	4	4	..	2
29	9	10	2	..	..	1	..	1
30	6	9	3	4	7	2	6	6
31	21	17	13	12	..	2	8	8
32	12	12	3	20	4	3	1	3
33	2	6	3	1	4	2	8	6
34	8	9	6	3	5	2	..	..
35	6	7	4	4	10	5	4	5
Total	244	279	152	135	185	113	147	147

SCHOOL BUILDINGS.

The total number of public school buildings was 407, including 267 main buildings, 49 branches owned and 18 rented and 73 portables. In the 267 main school buildings there was room for 268,640 seats.

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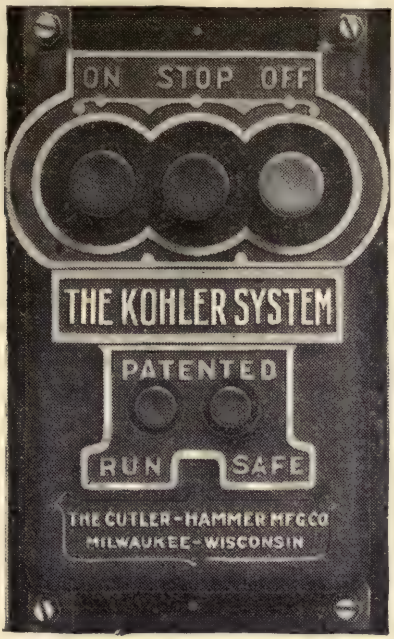
OLD RESIDENTS OF CHICAGO.

Nov. 15, 1910.

In the following list of men and women who have lived in the city or its suburbs for fifty-nine years or more there are doubtless many omissions, though an effort has been made to make it as complete as possible. Additions to, changes of residence and other corrections of this list, which will be continued in future editions of this publication, will be gladly received. Names marked with an * are those of persons born in Chicago or Cook county. Ages when known are given in parentheses:

1832—Heartt, Adaline N. (79), 3219 Prairie avenue.
Keenon, Mrs. Eleanor H.* (78), 1858 W. Adams-st.
Stose, Charles (82), 2440 Indiana avenue.
1833—Brookes, Frederick W. (83), 11122 Esmond street, Morgan Park.
Brooks, F. T. (84), 5224 Ainslee street.
Cleaver, Mrs. John (90), 6438 Washington avenue.
Filer, Alanson (98), 1710 Orrington-av., Evanston.
Foote, George C.* (77), 1123 W. Van Buren street.
Gear, Mrs. Lydia A. (85), 3237 N. Western avenue.
Goodwin, Mrs. Caleb (86), 939 Winthrop avenue.
Vanatta, Charles (78), 2336 Grand avenue.
1834—Clingman, Mrs. William (83), 4809 Madison-av.
Fuller, Edward (77), Fullersburg, Ill.
Gerber, Barbara (82), 6154 S. Halsted street.
Howe, Frederick A. (79), 3931 Grand boulevard.
Ludwig, Catherine, 1465 W. Superior street.
Peck, Mrs. Aurilla* (76), 355 S. Western avenue.
Taylor, Louis D. (88), Glencoe, Ill.
Vial, Samuel (91), LaGrange, Ill.
1835—Barnum, William E.* (75), 6400 Normal-av.
Brown, Lockwood S., 113 Cass street.
Clarke, Mrs. Mary E. Carver (75), 239 N. May-st.
Clingman, Mrs. William (81), 6117 Monroe avenue.
Coleman, Mrs. Deborah C., 2829 Archer avenue.
Cribb, Mrs. Charlotte M.* (75), Lake Villa, Ill.
Dewey, Mrs. Mary R. (78), 5700 Jackson avenue.
Dodge, J. S. (88), Glen Ellyn, Ill.
Dunham, Daniel (89), Wayne, Ill.
Fox, Annis Roxana, 822 W. Adams street.
Fuller, Merrill (80), Fullersburg, Ill.
Gale, Edwin O. (78), Oak Park, Ill.
Gale, William H. (76), Galewood.
Gordon, Nellie Kinzie* (75), Savannah, Ga.
Harman, William (76), 1799 West End avenue.
Healy, Daniel E. (76), 2700 Lime street.
Jones, Fernando (91), 1834 Prairie avenue.
Kilham, Benjamin (78), 2811 Archer avenue.
Mason, J. A. (75), Prairie View, Ill.
Sayre, Mrs. Harriet (90), Mont Clare.
Sinclair, George (76), 4138 Berkeley avenue.
Smith, Charles B. (81), 223 Morse-av., Pullman.
Ward, Henry A.* (75), Sycamore, Ill.
Whitehead, William H. (75), 1808 Chicago avenue, Evanston, Ill.
Young, Mrs. George H. (77), 327 Warren avenue.
1836—Barnes, Charles S.* (74), Batavia, Ill.
Beaubien, William S.* (74), 615 S. Ashland-bd.
Brooks, Mrs. E. C. (78), 1072 Sheridan road.
Doty, Mrs. E. D.* (74), 550 65th street.
Eiterman, Mrs. Mary E. (80), 1045 Lincoln avenue.
Ford, James M. (74), 193 Superior street.
Furbeck, Mrs. Elizabeth A. P. M. (74), 42 Central avenue, River Forest.
Garrity, Mrs. M. E. (74), 294 Hudson avenue.
Gilbert, Henry* (74), 19 Iowa street.
Goeden, Susan (76), 544 Estes avenue.
Hempton, Mrs. S. A. (85), 651 Warren avenue.
Huehn, Anna Mary (75), 423 Wells street.
Keefe, Edward (76), 4417 Lake avenue.
Lewis, Mrs. Jane (88), 5409 Washington avenue.
Morrison, E. W. (74), 224 W. Harrison street.
McNulty, Mary (75), 510 W. Erie street.
Roberts, Mrs. Margaret A. (74), 981 N. Clark-st.
Townsend, Charles (77), 1118 E. 55th street.
Wheeler, Gilbert C.* (74), 2332 Michigan avenue.
1837—Ashman, Thomas (92), 106 N. Washtenaw-av.
Bohlander, John* (73), Hinsdale.
Calhoun, William A.* (73), 1043 Wilcox avenue.
Colby, Mary A. (73), 2839 Indiana avenue.
Dolese, John (73), Morton Park, Ill.
Doty, Erastus D. (74), 1035 E. 65th street.
Doty, Harvey C. (77), 233 Grand avenue.
Fittz, Jane Paine (92), 871 Jackson boulevard.
Fraser, Mrs. D. R. (75), 1245 Washington-bd.
Howland, Mrs. Jane E. (76), 5405 Woodlawn-av.
Pratt, Charles O.* (73), 2119 Wilcox avenue.
Satterlee, Emily T. (90), 2704 Michigan avenue.
Sayer, Mrs. P. E. (97), Bartlett, Ill.
Startup, Jane D. (74), 14 Garfield court.
Todd, William G. (89), 4714 N. Robey street.
1838—Blair, Claudius* (72), 3838 Rhodes avenue.
Clark, Catherine C.* (72), 1248 W. 63d street.
Collins, W. M. (74), 5604 Princeton avenue.
Edbrooke, W. S.* (72), 881 N. Oakley avenue.
Flagg, Emma J. T.* (72), 14 Woodland park.
Hughes, Edward (72), 54 Lewis street.
Irwin, Mrs. Caroline F. (75), 601 Armitage-av.
Isbell, Lewis (92), 2723 Wentworth avenue.
Low, Mary S. (77), Norwood Park, Ill.
Mattes, Peter (74), 613 Belden avenue.
Mitchell, Phœbe LaBeau (78), 963 W. Eddy-av.
O'Neil, John J. (73), 77 Illinois street.
Sauler, Maria E., Pittsburg, Pa.
Sinclair, Mrs. J. E.* (72), Maywood.
Stephens, Mrs. Malinda (96), 528 E. 50th place.
1839—Allison, Benjamin F. (80), 2078 Jackson-bd.
Beaubien, Mrs. A. (75), 431 S. Willow avenue.
Calhoun, Francis C. S. (71), Oak Park, Ill.
Chase, Mrs. Benjamin F. (76), 3353 Forest avenue.
Cherry, Mrs. C. H.* (71), 6530 Monroe avenue.
Clark, Dena G. (71), 210 Foster avenue.
Gray, Allen W.* (71), 3213 Washington boulevard.
Harpel, Eliza* (71), 51 E. Oak street.
Height, Margaret A. (73), 310 W. 60th place.
Kimbell, Charles B. (71), Hinsdale, Ill.
Lewis, Charles J (72), 1900 Carroll avenue.
Lewis, John (78), 2414 Gladys avenue.
Periolat, Clemens F. (71), 5039 Prairie avenue.
Pitkin, Mary J., 224 Schiller street.
Russell, Isaac (71), 2135 Carroll avenue.
Smith, Mrs. Joshua,* 4648 S. Marshfield avenue.
Speer, Charles W. (71), 246 S. Sangamon street.
1840—Bishop, Orris A.* (70), 3721 Forest avenue.
Farnsworth, George (85), 1421 Astor street.
Farrar, Mrs. S. B. (70), 3130 Dearborn street.
Fergus, George* (70), 1970 Deming place.
Fishbeck, Mary* (70), 6938 Wentworth avenue.
Foss, John P. (94), 447 W. Monroe street.
Fuller, Mrs. Ann C. (71), 6110 Kimbark avenue.
Gage, John L. (77), 376 E. Chicago avenue.
George, John B. (74), 3119 Wabash avenue.
Gray, Mrs. Sarah H.* (70), 1410 Washington-bd.
Hamilton, Henry E.* (70), The Newberry.
Jackson, Abram V. (75), 3267 N. Western avenue.
Kent, Benjamin A. (91), 110 Lake-st., Oak Park, Ill.
Lewis, Mrs. W. F.* (70), 615 W. Congress street.
Link, Marie (77), 76 Walton place.
Miller, Mathilde C. (71), 3515 64th street.
Muehlke, Fred C. L. (82), 172 Sedgwick street.
Murphy, Mrs. Hiram P. (71), 4402 Greenwood-av.
Ray, James* (70), 1439 W. 12th place.
Rehm, Jacob (82), 1517 Dearborn avenue.
Rhimes, Volney* (70), 176-178 E. Adams street.
Robinson, Robert W.* (70), 1879 N. Sacramento-av.
Seamens, Mrs. Amelia (70), 868 Carroll avenue.
1841—Blake, Mrs. Adeline Jones (73), 3344 Prairie-av.
Bohlander, Peter* (69), Hinsdale, Ill.
Brelt, Adam (72), 1302 Wolfram street.
Ebert, Albert E. (70), 276 Michigan avenue.
Foster, Orrington C. (69), 503 Dearborn avenue.
Lammers, Maria (77), 2 Catalpa court.
Lewis, Eli R.* (69), 7458 Normal avenue.
Loring, Stella Dyer* (69), 2978 Prairie avenue.
Merriell, George H. (71), 150 S. Leavitt street.
Peck, Clarence I.* (69), 2254 Michigan avenue.
Sauter, John* (69), 5946 Normal avenue.
Smith, Graeme Lisle* (69), 1337 Sheffield avenue.
Smith, Orson* (69), 50 Bellevue place.
Wheeler, E. B.* (69), Arlington Heights, Ill.
Williams, Edward M.* (69), Oak Park, Ill.
1842—Armstrong, John M.* (68), 1732 Briar place.
Brettmann, Henry (68), 2836 Armitage avenue.
Cleveland, Henry H.* (68), 1210 Milwaukee-av.
Clybourn, Henry C.* (68), 1390 Humboldt-bd.
Cowper, John H. (69), 1918 Warren avenue.
Cullerton, Edward F.* (68), 4242 W. Harrison-st.
Curtis, DeWitt H. (71), 1302 Washington-bd.
Dickerman, Mrs. Martha B.* (68), 5946 Normal-av.
Ertinger, Katherine (72), 3257 Wentworth avenue.
Fries, William (68), 4054 N. Paulina street.
Gage, Henry H.* (68), Wilmette, Ill.
Hall, Mrs. J. S. (68), 3701 Sheridan road.



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Hamilton, David G.* (68), 2929 Michigan avenue.
Jax, Nicholas (74), 249 Seminary avenue.
Johnson, George B.* (68), 532 W. Adams street.
Kellogg, J. H. (80), 2238 Michigan avenue.
Law, Mrs. Ellen (78), 1944 Warren avenue.
Leibundguth, Caroline* (68), Downers Grove, Ill.
Meyer, Mary (71), 125 W. 16th street.
Murphy, C. A.* (68), 274 W. Huron street.
Parsons, Mrs. Julia W. K. (68), 1192 Garfield-bd.
Rooney, Henrietta B. (68), 2080 Jackson boulevard.
Russell, Ellen I.* (68), 888 Carroll avenue.
Schnur, Peter* (68), 783 N. Winchester avenue.
Simon, Peter (81), 484 Sedgwick street.
Tebbetts, Mrs. W. G.* (68), 2977 N. Paulina-st.
Ward, Mrs. E. J. Watson (85), 339 E. 62d street.
Watson, N. W. (79), 4100 Lake avenue.
Watson, Silas B. (71), 3317 Park avenue.
Weller, George W.* (68), 7008 Normal avenue.

1843—Allmendinger, Peter (68), 2344 N. Clark street.
Bernard, Mrs. Gwinthellyn* (67), 46 Best avenue.
Brown, Louis A. (88), 3117 N. Lincoln street.
Downs, E. Allen* (67), 739 Forest-av., Evanston.
Dunne, Mrs. William (84), 865 S. Central Park-av.
Follansbee, George A. (67), 2342 Indiana avenue.
Ford, Elisha M. (74), 1000 Warren avenue.
Garraghan, Bedelia K.* (67), 3424 Prairie avenue.
Getzler, W. H., 217 Frankfort street.
Gaffney, James (69), 1210 Morse-av., Rogers Park.
Gavin, Rev. E. W.* (67), Waukegan, Ill.
Grimme, Louis (83), 3253 Herndon street.
Hatch, Julia A.* (67), 481 N. Clark street.
Holden, William H.* (67), 1143 Forest-av., Evanston.
Knorst, Mathias (69), 198 Vine street.
Ludwig, Katherine (86), 215 Goethe street.
Magee, Henry W. (69), 5626 Madison avenue.
McDonald, Mrs. P. S.* (67), 2839 Indiana avenue.
McNamara, James* (67), 1892 Fillmore street.
Neebes, William J. (75), 3823 Forest avenue.
Olsen, Jens (86), 194 W. Erie street.
Perkins, A. H. (96), 455 Cleveland avenue.
Perkins, Mrs. Marion Heald (71), 2319 Lincoln street, Evanston.
Perry, Mrs. Silas O.* (67), 343 E. 53d street.
Remond, Mrs. E. Pelletier (89), 3222 Archer-av.
Rohmer, A. (83), Hinsdale, Ill.
Schaefer, M. (77), Gross Point.
Sherman, Charles D.* (67), Riverside, Ill.
Simons, Edward* (67), 1082 Armitage avenue.
Spahn, Joseph M. (67), 10307 Indianapolis avenue.
Stannard, Helen F., 871 Jackson boulevard.
Tron, Mrs. Anna Maria (77), 523 N. Halsted-st.
Turner, Mrs. Mary (67), 502 Addison street.
Weckler, Adam J. (68), 3446 Evanston avenue.
Wolcott, Mrs. Mary A. (84), Niles, Ill.
Williamson, Mrs. Emma B. (68), 959 S. Spaulding avenue.

1844—Arnold, Miss Katherine D.* (66), 104 Lincoln Park boulevard.
Bailey, George W.* (66), 513 W. 60th street.
Bailey, Mrs. J.* (66), 355 Jackson boulevard.
Bartlett, Mrs. Mary J. (71), 2705 N. Hermitage.
Bennett, Robert J. (71), 4250 N. Paulina street.
Bowes, George H.* (66), 182 W. 23d street.
Bradshaw, Hugh (70), 1919 Fulton street.
Cherry, Charles H. (76), 6530 Monroe avenue.
Clark, Joseph (84), Lawrence-av. and Bernard-st.
Crocker, Madeline (86), 3651 Wentworth avenue.
Einhorn, Joseph (86), 172 S. Sangamon street.
Fergus, John B.* (66), 3229 Sheridan road.
Fergus, John Q. (69), 3114 Vernon avenue.
Green, Mrs. Bessie (69), 1803 Melrose avenue.
Hall, Eugene* (66), 2106 S. State street.
Horne, Mrs. Hannah R. (87), Old People's home, Indiana avenue and 39th street.
Hoyne, Thomas M. (66), 3369 Calumet avenue.
Josenhans, Mary M.* (66), 842 W. 61st place.
Kastens, Katherine (85), 935 Perry street.
Kay, Joseph A.* (66), Elston and N. 55th avenues.
Knopp, Bernhard* (66), 599 Mildred avenue.
Lawrence, Susan L. (94), 16 St. John's court.
Macdonald, Ada Lane, 6347 Washington avenue.
Mann, Mathias* (66), 3793 N. Clark street.
Marshall, James F.* (66), 2978 Vernon avenue.
Mason, George (70), 511 W. Monroe street.
Mattes, Frank* (66), 1606 N. Ashland avenue.
Morgan, George C. (77), 6112 Stony Island avenue.
Nicholson, John G.* (66), 1509 Montrose avenue.
Ozier, W. C. (70), 350 Dearborn avenue.
Partridge, Charles A. (67), Waukegan.
Peck, Helen M.* (66), 2726 N. Robey street.
Pierce, Joseph (91), 20 Bellevue place.
Reed, Florence S.* (66), 1028 Diversey boulevard.
Rehm, William (66), 123 Indiana street.
Reid, Mrs. Elizabeth G.* (66), 1023 N. Halsted-st.
Runge, Henry (74), 436 W. Chicago avenue.
Russer, Mrs. Caroline (66), 44 Pearson street.
Sauter, Charles J.* (66), 2142 Cleveland avenue.
Schram, C. B. (76), 51 S. Halsted street.
Seavert, E. G. (72), 34 N. Grove place.
Skinner, Miss Elizabeth* (66), 100 Rush street.
Smith, Frederick A.* (66), 611 Rush street.
Snowden, Orpha (85), 1552 Lill avenue.
Steinhaus, George (78), 701 Wilmot avenue.
Tibbetts, Elizabeth* (66), 2763 N. Paulina street.
Van Horn, Mrs. Amy Gale Sinclair (66), 1497 Perry street.
Van Zandt, George* (66), Oak Park, Ill.
Walsh, John F.* (66), 2813 N. Ashland avenue.
Walshe, Mrs. Robert J. (66), 2339 Calumet avenue.
Weihe, John C. (70), 3017 N. Winchester avenue.

1845—Bacon, Rebecca S. (68), 2243 Cleveland avenue.
Barrett, John P. (74), 4400 Michigan avenue.
Best, Jacob (65), 1443 Berteau avenue.
Bradley, J. Harley (66), 607 Rush street.
Breese, A. K. (65), 9711 Parnell avenue.
Breese, Mrs. A. K. (65), 9711 Parnell avenue.
Breyer, Mrs. Sophia (70), 680 Fulton street.
Budde, Henry (96), 1410 Barry avenue.
Casey, Mrs. Helen M. (75), 161 S. Leavitt street.
Catlin, Charles (66), 451 Belden avenue.
Catlin, George (67), 5111 Hibbard avenue.
Clancy, Sylvester T. (67), 4008 Dearborn street.
Clark, Mrs. David W.* (65), 3125 Warren avenue.
Clingman, William (84), 6117 Monroe avenue.
Crowe, Mrs. Marie B.* (65), 433 Grand avenue.
Cushing, Edward T.* (65), 4820 Greenwood avenue.
Dalton, Mrs. Mary A. B.* (65), 758 S. Kedzie-av.
Davis, Mrs. Kate E.* (65), 135 Wells street.
Feldman, Mary (72), 1440 Wrightwood avenue.
Ford, John W.* (65), 3950 Lexington avenue.
Fortmann, Mrs. Katherine (84), 4099 Robey street.
Gilmore, William (65), 217 Central Park avenue.
Haldship, Barbara (65), 282½ Wells street.
Hatch, J. M. (78), 128 S. Waller avenue.
Hauslein, George (83), 2536 N. Halsted street.
Heyder, Mrs. Mary (69), 1829 Fremont street.
Jackson, Oliver* (65), 4460 Oakenwald avenue.
Jerrain, Mrs. Julie Pelletier (92), 3222 Archer-av.
Knickerbocker, A. V.* (65), 3341 Douglas Park-bd.
Martin, Patrick (88), 4537 Wabash avenue.
O'Brien, Timothy M., 2234 Campbell park.
Robinson, William R.* (65), 75 W. Adams street.
Rutherford, T. A. (72), N. 68th and Grand-avs.
Satterlee, George A.* (65), 2704 Michigan avenue.
Schimmels, Christian* (65), 1410 S. Halsted-st.
Semmler, Mrs. Catherine* (65), 10337 Throop-st.
Sickinger, John* (65), 2847 N. Hermitage-av.
Trausch, Anna M.* (65), 559 27th street.

1846—Berger, Louis A. (78), 231 Cuyler avenue.
Block, Mrs. Mary (66), 3037 Edgewood avenue.
Bournique, Mrs. A. E.* (64), 315 E. 23d street.
Boyd, Mrs. Charles L.* (64), 5009 Wabash avenue.
Brachtendorf, Anton (66), 348 Mohawk street.
Brinkman, Henry (69), 92d-st. and Vincennes-av.
Brinkworth, Mrs. Emma A.* (64), 884 Irving-pl.
Brown, Edward C. (65), 6056 Monroe avenue.
Burkhart, Mrs. A. E. (78), Austin, Ill.
Clark, John M. (74), 2000 Prairie avenue.
Dayton, Mrs. Martha S.* (64), 6950 Lowe avenue.
Dodd, Richard W. (90), 7058 Eggleston avenue.
Dunn, Mrs. Evaline (87), 2016 W. Adams street.
Erickson, Pehr (90), N. 44th and Foster avenues.
Fishback, Mrs. Mary (70), 6938 Wentworth avenue.
Ganshow, Mrs. Anna M. (64), 617 S. Kedzie-av.
Gray, George L.* (64), 2644 Indiana avenue.
Griffin, Mrs. F. A. (74), 907 W. Monroe street.
Gross, George M. (64), 3826 Rhodes avenue.
Guthrie, Wardell (79), 2822 Indiana avenue.
Halifax, Mrs. Martha A. (66), 424 S. Oakley-bd.
Hayes, Michael (65), 4546 W. Adams street.
Healy, James T. (64), 3220 Indiana avenue.
Hitz, Louis J. (76), 95th street and Western-av.
Hough, Albert J.* (64), 4828 Kenwood avenue.
Husted, Frank T. (64), 2331 S. Morgan avenue, Morgan Park.
Jacobs, Mrs. Amelia (74), 88 Cleveland avenue.
Klassen, Jacob (75), 3123 South Park avenue.
Klossman, Charlotte (70), 695 N. Maplewood-av.
Knight, Jennie H.* (64), 3336 Rhodes avenue.
Koehler, Elizabeth (76), 687 Jackson boulevard.

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Lewis, Edward (64), 1445 State street.
Lipsch, Helena (85), 460 Orchard street.
Mackway, Mrs. Marian (74), 16 Kendall street.
Mahler, J. Martin (73), 1530 Lill avenue.
McCarthy, John Thomas, 1329 Jackson boulevard.
McHenry, Abbie Colby* (64), 1815 Indiana avenue.
Mendsen, J. F. (85), 251 Washington boulevard.
Monheimer, Conrad (77), 4033 Prairie avenue.
Monroe, Benjamin F. (70), 135 E. 71st place.
Muenzenberg, Charles (79), 16 Orchard street.
Munch, Peter (74), 4850 Bishop avenue.
Nelson, Andrew G. (84), 4635 Langley avenue.
Niehoff, Katherine (70), 1108 Wellington street.
Norton, F. F., 1178 Fillmore street.
Polkey, Margaret* (64), 3564 Vernon avenue.
Quinlan, J. A., 728 LaSalle street.
Rock, Daniel J. (75), 1219 Lill avenue.
Schade, Henry (71), 6332 Evergreen avenue.
Sears, Joseph (67), Kenilworth, Ill.
Sickinger, Jacob* (64), 902 Devon avenue.
Sinclair, Mrs. A. E. A. (74), 6542 Lafayette-av.
Sippel, Nicholas (83), 184 Superior street.
Smalley, Mrs. Angeline K.* (64), 2544 Kimball-av.
Smele, Mrs. James (97), 7301 Langley avenue.
Smith, James H. (66), 418 Oak street.
Stratton, Helen A., 914 W. Monroe street.
Taylor, George L. (63), 360 Wells street.
Tyler, Albert S.* (63), 5401 East End avenue.
Vernon, John M. (69), Wilmette.
Volmuth, Mrs. Maria (81), 139 E. Division street.
Weir, Robert (70), 6323 Yale avenue.
1847—Barnard, Frederick (74), Oak Park.
Barrell, James (76), 4717 Kenwood avenue.
Barts, John (64), 5135 Dearborn street.
Beers, Cyrenius (64), 3417 S. Paulina street.
Beers, George T. (73), 3416 S. Paulina street.
Berry, Mrs. John J.* (63), 258 Bissell street.
Bishop, Joseph H. (71), 600 York place.
Brethauer, Mrs. Fredericke (67), 1506 Oakdale-av.
Brettmann, Mrs. Louisa (63), 2836 Armitage-av.
Brinkman, Mrs. Henry (70), 92d street and Vincennes road.
Chamberlain, Thomas S. (62), 1669 W. Chicago-av.
Charlette, Mrs. Mary L. S.* (63), 1463 Fulton-st.
Chatterton, Martha S.* (63), 2024 Washington-bd.
Clausen, Mrs. Lizzie* (63), 389 E. North avenue.
Condon, Caroline (77), 321 W. 62d street.
Cosgrove, Matthew J.* (63), 1582 Harvard street.
Crosby, Benjamin F. (84), Oak Park.
Curtis, Charles C.* (63), 110 Astor street.
Dony, John F.* (63), 171 Hill street.
Haake, John D. (93), 2653 N. 41st court.
Haggard, John D.* (63), 154 N. Pine avenue.
Hart, John E. (83), 32 Beethoven place.
Henderson, Robert* (63), 1463 W. Polk street.
Hespen, John R. (79), 503 Lumber street.
Higgins, Mrs. L. A. R. (63), 383 Orchard street.
Horn, Martin (75), 546 Wells street.
Hotchkiss, Gen. C. T. (78), 1906 W. Monroe street.
Hough, Charles H.* (63), 4828 Kenwood avenue.
Hoxie, Mary H.* (63), 4440 Michigan avenue.
Hunt, Mrs. Ellen L. (81), 3224 Forest avenue.
Kearns, Michael (72), 544 Colorado avenue.
Klein, Catherine (66), Rogers Park.
Koch, Magdalena (84), 363 Carroll avenue.
Kromenaker, John (66), 217 Chicago avenue.
Lauer, Maria (80), 616 E. Belmont avenue.
Lunn, Harvey W.* (63), 2184 W. 24th place.
Manierre, William R.* (63), 1507 Dearborn-av.
Markus, Fritz (71), 661 Milwaukee avenue.
Meech, George A. (85), Morgan Park, Ill.
Morgan, William R.* (63), 231 S. Central avenue.
Morris, Timothy E. (66), 3151 Prairie avenue.
Murphy, James C.* (63), 2340 W. Polk street.
McAuliffe, John (90), 648 S. Centre avenue.
Noll, Mrs. Louisa (80), 4927 St. Lawrence avenue.
Redden, John, 5 Edgemont avenue.
Schmidt, Mrs. Dorothea (71), 5335 Princeton-av.
Schubert, Mrs. Margaret (69), 5635 Princeton-av.
Sherman, Frederick J. (63), 3670 Milwaukee-av.
Simmeral, Mrs. Anna (78), 256 Lawrence avenue.
Simon, William (72), 3221 N. Clark street.
Stumpf, Sierna (79), 872 Armitage avenue.
Taylor, Mrs. Agnes M.* (63), 32 Best avenue.
Thiele, Heinrich (81), 522 Cleveland avenue.
Thiele, Maria (82), 522 Cleveland avenue.
Thilo, Mrs. Elizabeth (75), 807 N. Halsted street.
Turner, John W.* (63), 1854 Addison street.
Vernon, Sarah A., 432 Claremont avenue.
Wayman, James B.* (63), 4858 Kenmore avenue.
Webber, Mrs. Mary A.* (63), 4311½ Belden avenue.
Whitehead, Edward J. (71), 5465 Washington-av.
Williamson, Elizabeth V., 432 Claremont avenue.
Winchell, Juliet A. (68), 2223 N. 42d court.
Woltz, Fred (73), 1279 N. Clark street.
1848—Apfel, Mrs. Anna (90), 76 Hammond street.
Batterman, John Otto (80), 1015 Ashland-bd.
Belden, William* (62), 71 S. 43d court.
Bremner, David F. (71), 5009 Greenwood avenue.
Broderick, Michael (93), 1921 Belle Plaine avenue.
Bryan, Frederick W.* (62), 1423 Kenilworth-av.
Caldwell, Peter (88), 4424 Wallace street.
Cleveland, Silas E. (72), 929 W. Monroe street.
Creet, Catherine (91), 30 Spruce street.
De Wolf, Edward P.* (62), Waukegan, Ill.
Dimond, Philippine S. (73), 45 Bryant avenue.
Docter, Margaretha* (66), 6333 S. Centre avenue.
Douaire, Sarah S. (70), 4022 Perry street.
Dougall, John T. (62), 1079 W. Grace street.
Doyle, James M. (71), 719 S. Ashland boulevard.
Dutch, James B. (71), 6637 Parnell avenue.
Eberlen, George P.* (62), 647 Sheffield avenue.
Fenster, Maria (62), 1103 S. Harlem avenue.
Flanders, John J.* (62), Glencoe, Ill.
Fredericks, Mrs. Anna (69), 2021 Michigan-av.
Gray, P. W. (62), 2563 N. Winchester avenue.
Greenebaum, Elias (88), 4510 Grand boulevard.
Greenebaum, Henry (77), 4556 Ellis avenue.
Grimme, Louis E. (83), 99 Diversey court.
Gunderson, Gabriel (79), 1437 W. Ohio street.
Gunderson, Martin A. (75), 1433 Park street.
Hector, Jacob S. (62), 3011 Archer avenue.
Henrotin, Charles (67), 70 E. Goethe street.
Hoge, Holmes (68), Evanston, Ill.
Huchsold, Mrs. Annie (66), 49 Canalport avenue.
Joyce, Thomas (76), 3440 Prairie avenue.
Joyce, Mrs. Thomas (72), 3440 Prairie avenue.
Kappelman, Fred P. (67), 2207 Colfax street, Evanston.
Kernan, George P.* (62), 1203 W. Adams street.
Kistner, Valentine (91), 10324 Prospect avenue.
Koehsel, John E.* (62), 935 Winona street.
Kramer, M. (75), 83 E. 34th street.
Langguth, J. F. (68), 2706 Byron street.
Miller, Thomas E. (77), 1449 LaSalle avenue.
Mitchell, Fannie Clark (79), 650 W. 62d street.
Monheimer, Leonard (77), 4419 Prairie avenue.
Murphy, Joseph (87), 5648 Michigan avenue.
McConnell, John* (62), 546 Hawthorne street.
McEvoy, William (78), 2019 Racine avenue.
McGurn, Christopher (68), 2918 Fulton street.
Olson, Oliver (63), 610 W. Melrose street.
Page, Charles L.* (61), 40 Scott street.
Parker, John D. (70), 31 Aldine square.
Pease, O. A. (75), 875 Austin avenue.
Peck, Ferdinand W.* (62), 1826 Michigan avenue.
Price, Mrs. Laura J.* (62), 888 Warren avenue.
Pringle, Mrs. Isabelle M. (91), 5746 Jackson-av.
Pringle, Margaret* (62), 5446 Jackson avenue.
Pringle, Thomas A. (64), Brainard, Ill.
Randall, Mrs. T. D. (71), 2624 Calumet avenue.
Redell, Richard F. (67), 1215 Dearborn avenue.
Reid, William G. (62), 5202 Cornell avenue.
Renich, Mrs. Helen (63), 432 School street.
Riley, John P. (65), 338 Hudson avenue.
Rofinot, Victor F. (62), 6354 Langley avenue.
Rogan, John J. (64), 4253 S. State street.
Sampson, John C.* (62), 1243 E. 44th place.
Schimmels, Capt. C., 1410 S. Halsted street.
Schlecht, Mrs. Catherine (67), 5803 Ohio street.
Schlossman, Joseph B. (62), 5341 Calumet avenue.
Schmidt, Mrs. Sophie (75), Oak Park, Ill.
Scouton, T. B.* (62), 521 W. Madison street.
Scudder, Mrs. Mary A.* (62), 102 Bellevue place.
Seaton, Isabel D.* (62), 1016 W. Monroe street.
Sedgwick, Mrs. A. G. (73), 603 Park avenue.
Sheppard, Robert D.* (62), Evanston, Ill.
Sinclair, J. E. (73), Maywood, Ill.
Smyth, Thomas A.* (62), 2022 W. Jackson-bd.
Spikings, William H.* (62), 5031 N. 40th avenue.
Stewart, Bridget (76), 646 W. 12th street.
Varges, Edward E. (62), 712 Summerdale avenue.
Vial, Jennie* (62), LaGrange, Ill.
Walsh, James J. (76), 4839 Washington boulevard.
Walter, Lorns (86), 1717 Roscoe street.
Wemple, Leonard C. (74), 662 N. Curtis street.
Zimmerman, John S. (69), 1847 Park avenue.
Zimmerman, Mrs. Minna (67), 1279 Perry street.

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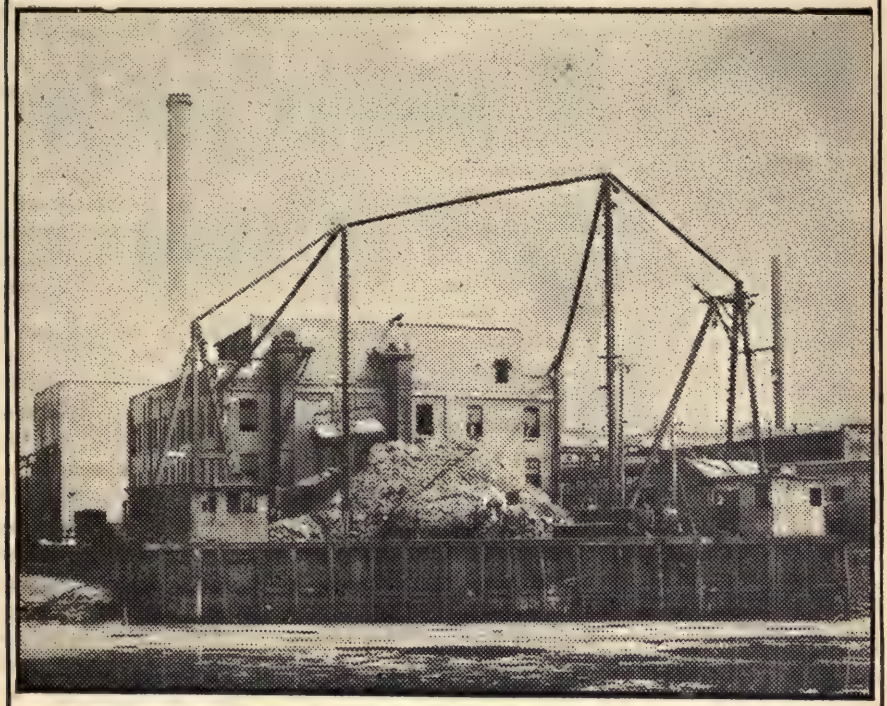
Boyd, Charles L. (67), 5009 Wabash avenue.
Boyd, Mrs. Charles L.* (64), 5009 Wabash avenue.
Boyd, Robert (69), Hinsdale, Ill.
Brennan, Matthew J. (75), 4018 Vincennes avenue.
Brown, Mrs. Sophia (81), 3847 Dearborn street.
Buggie, James (62), 2701 W. Jackson boulevard.
Byrne, Elizabeth (70), 5550 LaSalle avenue.
Cobb, Weldon J.* (61), Wheaton, Ill.
Clowry, Mrs. Bridget (78), 463 W. 14th street.
Clowry, James, 4200 Ellis avenue.
Clowry, John K., 437 Blue Island avenue.
Clowry, Thomas, 2859 N. Robey street.
Cullen, Mrs. M. (61), 604 E. 46th street.
Culver, John (64), 2201 Dewey avenue, Evanston.
Curtis, Rev. Edward H. (67), 6138 Woodlawn-av.
Curtis, Henry M. (69), 1134 E. 47th street.
Donoghue, Daniel R.* (61), 6325 Monroe avenue.
Doty, Virginia E.* (61), 5547 Washington avenue.
Doyle, A. J.* (61), Orland, Ill.
Elsey, Mrs. Anna (69), 1532 W. Adams street.
Erskine, Cecilia D. W.* (61), 135 Lincoln Park-bd.
Foley, Mrs. Ellen (74), 656 W. 20th street.
Frankenthal, Emmanuel (82), 4726 Greenwood-av.
Franzen, Alexander (81), 17 Artesian avenue.
Furst, Conrad (81), 1400 Astor street.
Glasebrook, George (85), 2230 Flournoy street.
Glasebrook, Mrs. Mary Ann (81), 2230 Flournoy-st.
Goodwillie, Mrs. Cecilia (81), 450 Roslyn place.
Goold, John E.* (61), 2216 Prairie avenue.
Grupe, Conrad (77), 1189 N. Maplewood avenue.
Guenther, Rebecca E. (69), 3020 Lake Park avenue.
Hatch, Wm. H. (61), 114 Grove-st., River Forest.
Heiland, John (68), 1506 Michigan avenue.
Jaeger, Julius F.* (61), 1126 George street.
Jaworski, Stephen D.* (61), 1337 W. Jackson-bd.
Joslyn, Walter S. (67), 1610 Garfield boulevard.
Kehoe, Miles, 639 S. Ashland avenue.
Keller, George (92), 164 Newton street.
Kindberg, N. A. (70), 1496 W. Foster avenue.
Kinzie, Mrs. Arthur E.* (61), Riverside, Ill.
Laiger, Fred G. (64), 1136 Orleans street.
Larson, Iver (80), 691 N. Hoyne avenue.
Lay, A. Tracy (86), 321 Michigan avenue.
Leopold, Mrs. C.* (61), 1295 N. Halsted street.
Loughlin, William M. (86), 4650 N. Robey street.
Mahler, H. F. (68), 14 DeKalb street.
Metzger, Charles F.* (61), West Chicago, Ill.
Melvin, Thomas H.* (61), 2508 N. Artesian-av.
Miller, Brice A. (72), 46 Roslyn place.
Moore, William J. (65), 66 Osgood street.
Nelson, Sarah Earl* (61), 6204 Greenwood avenue.
Norton, Mrs. Louise C.* (61), 150 Lincoln Park-bd.
O'Byrne, Mrs. Elizabeth (66), 2545 Washington-bd.
Olberts, Mrs. Catharina (61), 3302 Archer avenue.
Oliver, Lucy Hicks (66), 1541 W. Monroe street.
Peckler, Katharine A. (62), 4038 Archer avenue.
Peeble, Cassius M. (66), 296 W. Monroe street.
Prindiville, William H.* (61), 12 E. Elm street.
Ritchie, Hugh (86), 28 W. Chestnut street.
Rogers, Edward K.* (61), 159 E. Ontario street.
Rooks. Mrs. Mary S., 964 Jackson boulevard.
Rumsey, George D.* (61), 62 E. Division street.
Scott, George M. (68), Riverside, Ill.
Shepard, F. A.* (61), 2030 W. Harrison street.
Smith, Frank Waldo* (61), 5539 Cornell avenue.
Sutter, John D. (64), 745 Evanston avenue.
Swenie, Mrs. Julie (63), 218 Dearborn avenue.
Talbot, H. Plumer, 241 Michigan avenue.
Theis, Theodore (65), 2729 Pine Grove avenue.
Thomas, Mrs. John W.* (61), 515 Jackson-bd.
Ullrich, Mrs. Maria (74), 838 Lill avenue.
Waldhauser, Joseph (85), 675 N. Clark street.
Walsh, John R. (73), 2133 Calumet avenue.
Weber, Mrs. Barbara M. (75), 1738 Wilmot street.
Weber, Mary (64), 1634 Barry avenue.
Wood, Seth* (61), 361 W. Harrison street.

1850—Baumann, Frederick (84), 43 Pine Grove-av.
Becker, Fred (76), 331 LaSalle avenue.
Boddeker, B. (72), 1541 W. Chicago avenue.
Bombake, William* (60), 5442 W. Leland avenue.
Brown, Canute (65), 1912 Winona avenue.
Butterfield, Caroline S. (60), 1322 LaSalle avenue.
Carpenter, George B. (76), 107 Lincoln Park-bd.
Clingman, Charles W.* (60), 4748 Kenwood avenue.
Coleman, Edward* (60), 2829 Archer avenue.
Conroyd, James, 26 St. Curtis street.
Dennis, John (67), 34 St. John's court.
Dunne, Michael J. (70), 4901 Madison avenue.
Ebersold, Mrs. Julia S. (66), 4401 Lake avenue.
Erickson, Mrs. Martha (88), 3424 South Park-av.
Finke, Mrs. Anna M. (81), 2098 Grenshaw street.
Freytag, Mrs. Margarethe* (60), 1096 N. Clark-st.
Gerts, George E. (83), Oak Park, Ill.
Goodwillie, Robert* (60), 5038 Washington Park-ct.
Gordon, Elizabeth C. (70), 1850 Fulton street.
Groble, Mrs. Mary* (60), 959 Sawyer avenue.
Haines, Walter S.* (60), 1401 W. Adams street.
Hawes, Robert (75), 2935 Bonfield street.
Heald. James H.* (60), Oak Park, Ill.
Hogan, P. (72), 642 N. State street.
Hough, Walter C.* (60), 5735 Rosalie court.
Houlihan, Robert D.* (60), 865 Osgood street.
Howe, Miss Frances* (60), Porter, Ind.
Husted, Julia Hoyt* (60), 429 E. 55th street.
Jiroch, Joseph (64), 1837 Mohawk street.
Johnson, Peter (68), 1506 N. Robey street.
Kent, Mrs. L. B.* (60), 4024 Prairie avenue.
Koehler, B. (82), 1808 W. Jackson boulevard.
Kotz, Charles E.* (60), 1543 Devon avenue.
Langheinrich, Edward* (60), 2029 Sheffield avenue.
Loehr, Justus P. O. (69), 2824 Burling street.
Martin, Mrs. Mary (62), 6418 Langley avenue.
Miller, Ed. M. (60), 664 S. Halsted street.
Moore, William J. (73), 1910 Fremont street.
Morris, William (67), 499 Woodlawn avenue.
Moser, George W.* (60), 400 Maple-av., Oak Park.
Munson, John (71), W. Foster and N. 47th-avs.
McDermott, Michael (64), 3528 Wabash avenue.
Newton, Hanna Reimers, 1815 Melrose street.
Norton, Mrs. Lucy, 231 E. 54th street.
Nurnberger, Mrs. Emilie (72), 2968 S. State street.
Ohlerking, John H. (68), 832 W. Adams street.
Pfeifer, Charles* (60), Hinsdale, Ill.
Pinkerton, William A. (64), 219 S. Ashland-bd.
Pomy, Mrs. Anna (65), 431 Webster avenue.
Poole, Manning S. (78), 3834 Langley avenue.
Powell, John, 1852 W. Congress street.
Redell, Mrs. J.* (60), 547 Berenice avenue.
Reinhart, John (62), 1033 Wellington street.
Retsin, John (93), 2325 N. Rockwell street.
Sammons, E. Hudson* (64), 3149 Rhodes avenue.
Senf, Sophia (62), River Grove, Ill.
Seelye, Henry E. (83), 1134 Chicago-av., Evanston.
Shackelford, Collins (63), 1609 N. Sawyer avenue.
Smith, Mrs. Mary Ann* (60), 1242 W. Madison-st.
Spies, Mary (79), 1918 W. Montrose avenue.
Spry, Ellen (72), 481 W. Monroe street.
Uchtmann, John D. (78), 824 S. Halsted street.
Weigselbaum, Joseph* (60), 1826 S. Spaulding-av.
Weihe, Mrs. Caroline (69), 919 Roscoe street.
Wells, Edwin S. (81), Lake Forest, Ill.
Werkmeister, John* (60), 3308 Calumet avenue.
White, John M. (83), 5211 Cornell avenue.
Winsauer, Mrs. Louise* (60), 120 E. Walton place.
Winterburn, John* (60), Mount Forest, Ill.

DIED IN 1910.

Anderson, John (74), 2333 Cleveland avenue; arrived 1845; died Feb. 24.
Baker, Levi S. (83), 2340 North Cleveland avenue; arrived 1847; died Jan. 27.
Beardsley, Addison H. (63), 5724 Rosalie court; born in Chicago 1847; died Feb. 20.
Blodgett, Maj. Edward A. (75), 2626 Lake View avenue; born in Downers Grove 1835; died Oct. 27.
Boyington, Maria J. (71), 4517 Pemberton avenue; born in Chicago 1839; died March 23.
Brooks, Mrs. Mary A. (81), near Barrington; arrived in Cook county 1833; died Aug. 22.
Brown, George F. (66), Calumet club; born in Chicago 1843; died Jan. 9.
Brown, John (86), 3313 Fulton avenue; arrived 1844; died March 19.
Canfield, Frederick M. (82), 2102 Maple avenue, Evanston; arrived 1850; died Feb. 22.
Caplin, George (67); arrived 1845; died March 24.
Cochran, Mrs. Mary J. (71), 956 Edgecomb place; born in Chicago 1839; died May 7.
Colby, Mrs. Emily Jones (80), 3334 Prairie avenue; arrived 1833; died June 1.
Collins, Isaac S. (68), 121 East Oak street; born in Chicago 1842; died Sept. 27.
Coy, Charles, 2257 West Superior street; arrived 1848; died June 1.
Curtiss, Mrs. Frances E. (63), 4455 Greenwood avenue; born in Chicago 1847; died Jan. 12.
Dooling, Anna (80), 3359 Calumet avenue; arrived 1840; died Aug. 21.



SINCE November 1, 1906, a large proportion of the garbage of Chicago has been treated in a reduction plant, built at a cost of over $500,000, and operated by the Chicago Reduction Company.

The reduction plant is located at 39th and Iron streets, a distance of 4¾ miles to the southwest of the center of the city. It has a frontage of 380 feet on the Chicago River. A side track from the Chicago Junction Railway (Belt Line) enters its grounds. By laying a short distance of track it will become accessible also by the street car lines of the city. This furnishes transportation facilities by water, railway, street car or vehicle which are unsurpassed.

The grounds cover 3½ acres, the buildings occupying about two-thirds of this space. The plant comprises the following:

A dock 120 ft. long by 80 ft. wide, about 25 ft. above the river level.
A receiving building, 70x80 ft., in plan two stories high.
3 drier buildings, 80x80 ft., two stories high.
A naphtha extraction building, 38x65 ft., four stories high.
A naphtha storage building, 25x30 ft., a sub-basement.
A milling building, 20x40 ft., four stories high.
A boiler house, 40x46 ft., two stories high.
Shops, 25x120 ft., one story high.
An office, 20x20 ft., one story high, with a sub-basement.

The principal buildings are of modern and permanent construction, being built of brick and re-enforced concrete throughout, making them fireproof and sanitary. They are so designed as to furnish ample light by day, and are generously equipped with electric light for night labor. They form a complete series from start to finish of process, and are built with intermediate spaces so that each building may be duplicated and the capacity of the plant doubled, if required. The present capacity provides for 750 tons of garbage daily. The motive power is electricity, each apparatus being equipped with a separate electric motor.

Dunne, Edward J. (62), bishop of Dallas, Tex.; in Green Bay, Wis., Aug. 5.
Eastman, Mrs. Mary Jane C. (90), Elgin; arrived in Chicago 1840; died Jan. 5.
Ennesser, Louis (86), 1614 South Homan avenue; arrived 1846; died Feb. 4.
Frink, Henry F. (62), 334 North Park avenue, Austin; born in Chicago 1848; died May 8.
Gordon, Joseph A. (78), 2748 West Adams street; arrived 1849; died April 4.
Hardin, Mrs. Margaret (94), 1115 West 12th street; arrived 1844; died May 13.
Harvey, John (86), Morgan Park; arrived 1850; died April 5.
Head, William R. (81), 5471 Jefferson avenue; arrived 1850; died May 10.
Healy, John J. (68), 3762 Ellis avenue; arrived 1849; died May 8.
Hirsch, Julius (63), 419 West 66th street; arrived 1846; died May 16.
Horan, Patrick (85), 4012 Lexington avenue; arrived 1850; died April 7.
Hough, Albert J. (63), 4328 Kenwood avenue; born in Chicago 1846; died Dec. 10, 1909.
Huehl, Bernhard (86), 2234 North Halsted street; arrived 1844; died May 1.
Hummelsheim, Susan A. (81), 3119 South Park avenue; arrived 1843; died March 25.
Hutchings, Mrs. Elizabeth, 6021 Drexel avenue; arrived 1845; died March 17.
Jefferson, Mary R. (73), 521 East 37th street; born in Chicago 1837; died Dec. 15, 1909.
Kampp, Conrad (78), Austin; arrived 1850; died Aug. 18.
Kenyon, Emmett J. (62), 4315 Kenmore avenue; born in Chicago 1848; died Feb. 24.
Leonhart, Mrs. Susan (69), Evanston; born in Evanston 1841; died Feb. 23.
Lewis, Clayton R. (67), Orland; born in Chicago 1843; died Oct. 27.
Liebenstein, Charles (70), 4904 Vincennes avenue; arrived 1849; died May 26.
Lock, Samuel A. (72), 2556 Wabash avenue; arrived 1841; died Nov. 15.
Long, Daniel (74), 2015 Howe street; born in Chicago 1836; died Sept. 20.
Lunt, Mrs. Orrington G. (90), 1742 Judson avenue, Evanston; arrived in Chicago 1843; died Jan. 18.
Lytle, Mrs. Ann Bradwell (80), Austin; arrived 1834; died March 17.
Merritt, Laura B. (89), 1365 Greenwood avenue; arrived 1827; died Dec. 14, 1909.
Munk, Mrs. Catherine (97), 4201 Grand avenue; arrived 1847; died March 1.
Myers, Patrick (87), 809 Loomis street; arrived 1848; died Jan. 13.
Oberg, Mrs. Dorothea (88), 1539 North Leavitt street; arrived 1848; died June 12.
Oberndorf, Mrs. Theresa (77); arrived 1850; died Sept. 18.
Ohlendorf, William (85), 1922 Blue Island avenue; arrived 1849; died June 11.
Patterson, Mrs. Julia A. (86), 70 Bellevue place; arrived 1843; died April 1.
Patterson, Robert W. (60), Philadelphia, Pa.; born in Chicago 1850; died April 1.
Perkins, Mrs. Marion H. (71), 869 33d place; arrived 1843; died May 4.
Perry, Oliver H. (74), Press club; arrived 1847; died July 21.
Pierson, Mrs. Elizabeth (80), 6234 Kimbark avenue; arrived 1850; died Oct. 25.
Pitkin, Stephen G. (75), 55 West Schiller street; arrived 1845; died March 7.
Quine, Mrs. Margaret (86), 3160 Indiana avenue; arrived 1843; died Aug. 4.
Rauch, Mrs. Christina (84), 3161 5th avenue; arrived 1847; died Sept. 22.
Rice, Henry (88), 3138 Washington boulevard; arrived 1847; died Jan. 10.
Saltonstall, Mrs. Sarah (87), in Cheboygan, Mich.; arrived in Chicago 1835; died Oct. 10.
Sanders, Patrick (78) 4559 Indiana avenue; arrived 1850; died June 8.
Savage, Amos (74), Lockport township; born in Homer township 1836; died March 26.
Savage, William M. (75), 220 Whiting street; arrived 1836; died Dec. 17, 1909.
Schmidt, John (84), 658 LaSalle avenue; arrived 1846; died April 24.
Schoeneck, Nicholas (81), 1450 West Chicago avenue; arrived 1850; died April 4.
Schutte, Lawrence (64), 1422 Wilson avenue; born in Chicago 1846; died April 2.
Simon, Simon (70), 4136 Perry street; arrived 1847; died July 31.
Tintjer, Mrs. Catherine J. (70), 3430 West School street; arrived 1840; died June 6.
Tolman, Mrs. Charlotte Y. (79), 2518 Washington boulevard; arrived 1836; died Jan. 18.
Vandercook, Mrs. Harriet E. (83), 230 North Park avenue; arrived 1844; died Feb. 4.
Vernon, David (72), 2126 West Monroe street; arrived 1847; died April 2.
Ward, William (67), 1830 South Millard avenue; arrived 1849; died May 8.
Whitney, Mrs. Elizabeth (91), 808 Tower court; arrived 1842; died Oct. 13.
Wilcox, Mrs. Margaret P. (85), 243 North California avenue; arrived 1847; died Jan. 16.
Willing, Mrs. Jennie Lois (69), 824 East 48th street; born in Chicago 1841; died April 11.
Winchell, Ann E. (76), Norwood Park; arrived 1836; died May 24.

SOCIAL SETTLEMENTS IN CHICAGO.

Abraham Lincoln—Oakwood and Langley; Rev. Jenkin Lloyd Jones.
Association House—2138 West North avenue; Carrie B. Wilson.
Chicago Commons—North Morgan street and Grand avenue; Graham Taylor.
Chicago Hebrew Institute—West Taylor and Lytle streets; David Blaustein.
Christopher House—1528 Fullerton avenue; Miss Gertrude Griffith.
Dearborn Center—3825 Dearborn street; Rev. H. E. Stewart.
Eli Bates House—621 West Elm street; Mrs. Alice H. Palmer.
Elizabeth E. Marcy Home—1325 Newberry avenue; Mrs. Lizzie G. Starks.
Esther Falkenstein Settlement House—1915 North Humboldt street; Mrs. Herman Falkenstein.
Fellowship House—831 West 33d place; Mrs. Marion H. Perkins.
Forward Movement—1356 West Monroe street; Rev. George W. Gray.
Francis E. Clark—250 West 22d street; Charles W. Espey.
Frederick Douglass—3032 Wabash avenue; Mrs. Celia P. Woolley.
Gads Hill—1959 West 20th street; Miss L. A. Martin.
Halsted Street Institutional Church Settlement—1935 South Halsted street; Rev. D. D. Vaughan.
Henry Booth House—701 West 14th place; T. W. Allison.
Hull House—808 South Halsted street; Miss Jane Addams.
Institutional Church—3825 Dearborn street; Rev. H. E. Stewart.
Maxwell Street—1214 South Clinton street; Miss Ernestine Haller.
Neighborhood House—6710 South May street; Mrs. H. M. Van Der Vaart and Anne E. Nichols.
Northwestern University—Augusta and Noble; Miss Harriet Vittum.
Olivet House—701 Vedder street; Rev. Norman E. Barr.
St. Mary's—44th and Union; Mrs. Katharine M. Farren.
South Deering Neighborhood Center—10441 Hoxie avenue; Mrs. Frances Bass.
South End—3212 East 91st street; Miss Grace Darling.
University of Chicago—4630 Gross avenue; Miss Mary E. McDowell.

"CLOSED" HOURS ON BRIDGES IN CHICAGO.

Following are the hours when the bridges of Chicago are closed to river traffic: Bridges on the main river, on the south branch as far south as 12th street, and on the north branch to Kinzie street, 6:30 to 8:30 a. m. and 5 to 7 p. m.; on the north branch from Kinzie to Halsted street, and on the south branch from 12th street to Halsted street, 6 to 7 a. m. and 5:30 to 6:30 p. m.; all other bridges from 6 to 7 a. m. and 6 to 7 p. m.

RELIABLE PRINTERS' ROLLERS

SAM'L BINGHAM'S SON
MFG. CO.

CHICAGO

PITTSBURG
ST. LOUIS
KANSAS CITY
ATLANTA
INDIANAPOLIS
DALLAS
MILWAUKEE
MINNEAPOLIS
DES MOINES

THE CHICAGO CITY RAILWAY COMPANY

The Chicago City Railway Company is completing its fourth year of operation under the "traction-settlement" ordinance of February 11, 1907. During this period, the company not only has expended approximately $20,000,000 for reconstruction and betterments, but has set the pace for all traction companies in the country which are endeavoring to modernize their equipment and to bring their service up to the highest notch of engineering and operating skill.

The notable successes achieved by the Chicago City Railway Company, as the foremost representative of the "new school" of street railway operation, are due primarily to its progressive policies and to the energy and fidelity with which they have been enforced. These policies may be briefly summarized as follows:

1—To perfect every part of its plant and system so as to maintain cars on the street at the maximum of practical efficiency.

2—To co-ordinate its lines and to systematize its service in such manner as to meet not only the immediate requirements of its own patrons but also to serve the entire City of Chicago.

3—To co-operate in a practical way with the public in solving the complex traffic problems of the city, and in developing its own

service with special reference to the safety, comfort and health of those who use its cars.

4—To develop along parallel lines the interests of patrons, public, municipality and holders of company securities. These interests become inimical only when they work at cross-purposes. None profits by poor, irregular or duplicated service, accidents, waste, bad management, wrangling or litigation. A steady, well-balanced service, arranged with reference to actual demands of the traffic and supported by all the parties in interest, means a satisfied patronage, increased revenues for city and company, and a street car system which will expand with the growth of the city.

5—To deal with its employes frankly, liberally and justly.

The Chicago City Railway Company operates, in addition to its own lines, the properties of the Calumet & South Chicago Railway Company and The Southern Street Railway Company, representing an aggregate mileage of about 400. City Railway lines cover mainly the South Division of the city of Chicago, while the Calumet system, which extends as far south and east as Hammond, Ind., serves important industrial centers, including South Chicago, Pullman, West Pullman, Whiting and South Deering. Upwards of $9,000,000 is being expended on rehabilitation and extension of these tributary properties. The "immediate rehabilitation" work of the Chicago City Railway Company, as by ordinance provided, was completed on April 15, 1910.

Street cars operated by the Chicago City Railway Company serve the most important industrial centers in the city. They also run to Washington and Jackson Parks, the "Midway," and to nearly all the fresh air resorts in the South Division. Calumet cars, operated on 75th and 79th streets, carry passengers to the only free open beaches in this part of the city. The stockyards and drainage canal are also places of interest most accessible by City Railway lines.

Special attention is called to the modern funeral car service of the Calumet & South Chicago Railway Company, which was in-

stalled in 1910. Funeral coaches, such as illustrated in these pages, may be chartered for the transportation of funeral parties from any point on or adjacent to the Calumet & South Chicago Railway, the Chicago City Railway, or the Hammond, Whiting and East Chicago Railway to and from the following cemeteries: Oakwoods, Mount Greenwood, Mount Olivet and Mount Hope. For reservations or information concerning rates and service, apply to Calumet & South Chicago Railway Company, Transportation Department, 9314 Drexel avenue, telephone Burnside 22; or, First National Bank Building, telephone Randolph 581.

For the convenience of patrons and public, the Chicago City Railway Company presents herewith tables indicating routes and terminals of cars operated by it, including a condensed time-table showing "owl-car" or night service.

GUIDE TO ROUTES AND TERMINALS

Chicago City Railway Company

ASHLAND AVENUE LINE—DOWNTOWN DIVISION.

Leave State and Lake streets.
Route—South on State street to Archer avenue, southwest to Ashland avenue, south to 71st street.

ASHLAND AVENUE—THROUGH ROUTE NO. 9.

Leave 71st street and Ashland avenue.
Route—North on Ashland avenue to 12th street, west to Paulina street, north to Lake street, east to Ashland avenue, north to Clybourn place west to Wood street.

ARCHER AVENUE AND 38TH STREET LINE.

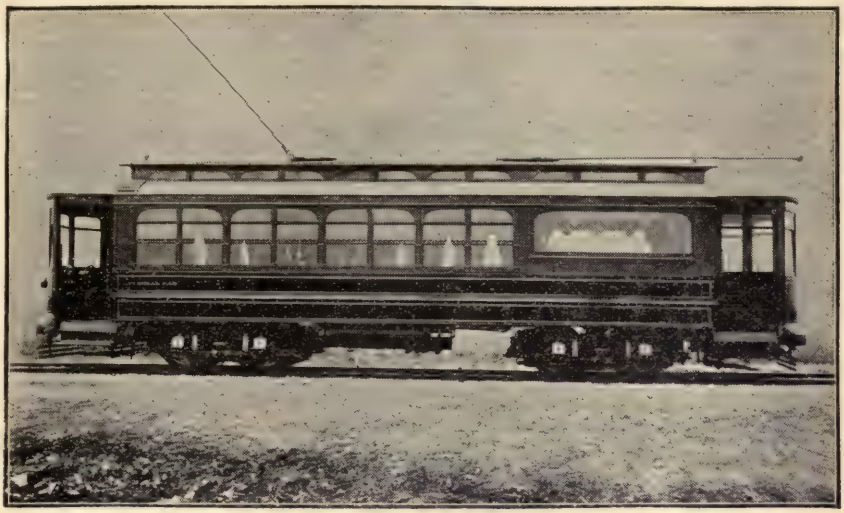
Leave State and Lake streets.
Route—South on State street to Archer avenue, southwest to West 38th street, west to Central Park avenue.

ARCHER AVENUE LIMITS LINE.

Leave State and Lake streets.
Route—South on State street to Archer avenue, southwest to 48th avenue (City Limits).

47TH STREET LINE.

Leave Illinois Central R. R. and 47th street.
Route—West on 47th street to Kedzie avenue.



FUNERAL CAR OPERATED BY CHICAGO CITY RAILWAY CO.
(Showing casket compartment closed)

FUNERAL CAR OPERATED BY CHICAGO CITY RAILWAY CO.
(Showing casket compartment open)

43D AND ROOT STREET LINE.

Leave Illinois Central R. R. and 43d street.
Route—West on 43d street to State street, north to Root street, west to Stockyards.

51ST STREET LINE.

Leave 51st street and Grand boulevard.
Route—West on 51st street to Leavitt street.

59TH AND 61ST STREET LINE.

Leave Washington avenue.
Route—West on 61st street to State street, north to 59th street, west to Leavitt street.

HALSTED STREET LINE—DOWNTOWN DIVISION.

Leave Washington and Clark streets.
Route—South on South Clark street to Archer avenue, west to Halsted street, south to 79th street.

HALSTED STREET LINE—O'NEIL STREET DIVISION.

Leave O'Neil and Halsted streets.
Route—South on Halsted street to 79th street.

HALSTED STREET—THROUGH ROUTE NO. 24.

Leave 69th and Halsted streets.
Route—North on Halsted street to Division street.

COTTAGE GROVE AVENUE LINE—HYDE PARK DIVISION.

Leave Randolph street and Wabash avenue.
Route—South on Wabash avenue to 18th street, east to Indiana avenue, south to 22d street and Cottage Grove avenue, south on Cottage Grove avenue to 55th street, east to Jefferson avenue, south to Cable court, east to Lake avenue (Jackson Park).

INDIANA AVENUE LINE—51ST STREET DIVISION.

Leave Randolph street and Wabash avenue.
Route—South on Wabash avenue to 22d street, east to Indiana avenue, south to 51st street, east to Grand boulevard (Washington Park).

INDIANA AVENUE LINE—47TH STREET DIVISION.

Leave Randolph street and Wabash avenue.
Route—South on Wabash avenue to 22d street, east to Indiana avenue, south to 47th street, east to I. C. R. R.

INDIANA AVENUE LINE—43D STREET DIVISION.

Leave Randolph street and Wabash avenue.
Route—South on Wabash avenue to 22d street, east to Indiana avenue, south to 43d street, east to I. C. R. R.

KEDZIE AVENUE LINE.

Leave 63d street and Kedzie avenue.
Route—North on Kedzie avenue to Drainage Canal Bridge (south end).

COTTAGE GROVE-AV. LINE—GRAND CROSSING & OAKWOODS DIVISION

Leave Randolph street and Wabash avenue.
Route—South on Wabash avenue to 18th street, east to Indiana avenue, south to 22d street and Cottage Grove avenue, south on Cottage Grove avenue to South Chicago avenue, southeast to 75th street (Grand Crossing).

63D STREET LINE.

Leave 64th street and Stony Island avenue.
Route—North on Stony Island avenue to 63d street, west to Central Park avenue (Chicago Lawn).

63D STREET LINE—CLEARING DIVISION.

Leave 63d street and Central Park avenue (Chicago Lawn).
Route—West on 63d street to Central avenue (Clearing).

63D STREET LINE—JOLIET DIVISION.

Leave 63d street and Central Park avenue (Chicago Lawn).
Route—West on 63d street to south 48th avenue, north to Archer avenue (Chicago & Joliet Electric Railway Station).

67TH STREET AND 69TH STREET LINE.

Leave Stony Island avenue and 67th street.
Route—West on 67th street to Rhodes avenue, south to Keefe avenue, southwest to 69th street, west to Leavitt street.

STATE STREET LINE—73D STREET DIVISION.

Leave State and Lake streets.
Route—South on State street to Vincennes road, southwest to 73d street and Wentworth avenue.

STATE STREET LINE—61ST STREET DIVISION.

Leave State and Lake streets.
Route—South on State street to 61st street, west to Wentworth avenue.

35TH STREET LINE.

Leave Cottage Grove avenue and 35th street.
Route—West on 35th street to California avenue.

31ST STREET LINE.

Leave Lake Park avenue and 31st street.
Route—West on 31st street to Pitney court, north to Archer avenue.

39TH STREET LINE.

Leave Cottage Grove avenue and 39th street.
Route—West on 39th street to Halsted street, south to Stockyards.

26TH STREET LINE.

Leave Cottage Grove avenue and 26th street.
Route—West on 26th street to Halsted street.

WALLACE STREET AND CENTRE AVENUE LINE

Leave State and Lake streets.
Route—South on State street to Archer avenue, southwest to South Canal street, south to 29th street, west to Wallace street, south to Root street, west to Halsted street, south to 47th street, west to Centre avenue, south to 75th street.

WENTWORTH AVENUE AND AUBURN PARK LINE.

Leave Clark and Washington streets.
Route—South on Clark street to Archer avenue, southwest to Wentworth avenue, south to Vincennes road, southwest to 79th street, west to Halsted street.

WENTWORTH AVENUE AND CLARK STREET—THROUGH ROUTE NO. 22.

Leave 77th street and Vincennes road.
Route—Northeast on Vincennes road to Wentworth avenue, north to 22d street, east to Clark street, north to Devon avenue.

WENTWORTH-AV. AND CLYBOURN-AV. LINE—THROUGH ROUTE NO. 2

Leave 79th and Halsted streets.
Route—East on 79th street to Vincennes road, northeast to Wentworth avenue, north to 22d street, east to Clark street, north to Division street, west to Clybourn avenue, northwest to Belmont avenue.

WESTERN AVENUE LINE.

Leave Archer avenue.
Route—South on Western avenue to 71st street.

22D STREET LINE.

Leave 22d street and Wabash avenue.
Route—West on 22d street to South 40th avenue.

22D STREET AND LAWNDALE AVENUE LINE.

Leave Wabash avenue and 22d street.
Route—West on 22d street to Kedzie avenue, south to West 25th street, west to Lawndale avenue, south to 33d street.

THROOP AND MORGAN STREET LINE (STOCKYARDS).

Leave 21st and Throop streets.
Route—South on Throop and Morgan streets to 39th street to north gate of Stockyards.

KEDZIE AVENUE LINE.

Leave Drainage Canal bridge (north end) and Kedzie avenue.
Route—North on Kedzie avenue to 22d street.

Calumet & South Chicago Railway Company

Connect with Alley "L" at Stony Island avenue and 63d street, and South Park avenue and 63d street, also Cottage Grove avenue line at 71st street, 75th street and South Chicago avenue, with 63d street line at Stony Island avenue, and with Dauphin Park, Burnside, Fernwood, Washington Heights, West Pullman, Cheltenham Beach, Grand Crossing, Auburn Park, Roby, Stony Island, South Chicago, Roseland, Kensington, Pullman, Whiting, East Chicago and Hammond.

75TH STREET LINE—AUBURN PARK AND MANHATTAN BEACH.

Leave 75th street and Eggleston avenue.
Route—East on 75th street to the Lake (Manhattan Beach).

93D STREET AND PULLMAN LINE—Kensington to Illinois Steel Mills.

Leave 115th street and Cottage Grove avenue.
Route—East on 115th street to Watt avenue, north to 111th street, west to Cottage Grove avenue, north to 93d street, east to Nickel Plate shops, around south side thereof to 94th street, east to Stony Island avenue, north to 93d street, east to Exchange avenue, northeast to 92d street, east to Buffalo avenue, north to 89th street, east to Illinois Steel Mills.

HAMMOND LINE.

Leave 63d street and Madison avenue.
Route—East on 63d street to Stony Island avenue, south to South Chicago avenue, southeast to 91st street, east to Commercial avenue, south to 92d street, east to Ewing avenue, south to 106th street, east to State Line, thence to Hammond, Ind.

115TH STREET LINE—KENSINGTON.

Leave South Park avenue and 115th street.
Route—West on 115th street to Halsted street.

103D STREET LINE—WASHINGTON HEIGHTS.

Leave 103d street and Cottage Grove avenue.
Route—West on 103d street to Vincennes road (Washington Heights).

106TH STREET LINE.

Leave 106th street and Ewing avenue.
Route—West on 106th street to Torrence avenue.

STONY ISLAND LINE.

Leave 63d street and Stony Island avenue.
Route—South on Stony Island avenue to 93d street.

SOUTH DEERING AND SOUTH CHICAGO LINE.

Leave 63d street and Stony Island avenue.
Route—South on Stony Island avenue to 75th street, east to Coles avenue, southeast to 79th street, east to Ontario avenue, south to 83d street, east to Superior avenue, south to 87th street, east to Buffalo avenue, south to 92d street, west to Commercial avenue, south to 104th street, west to Torrence avenue, south to 112th street.

79TH STREET LINE.

Leave South Chicago avenue and Noble court.
Route—Southeast on South Chicago avenue to 79th street, east to Ontario avenue.

WEST PULLMAN LINE.

Leave 63d street and South Park avenue.
Route—South on South Park avenue to South Chicago avenue, southeast to Cottage Grove avenue, south to 95th street, west to Michigan avenue, south to 119th street, west to Morgan street, south to 120th street (West Pullman).

WINDSOR PARK AND SOUTH CHICAGO LINE.

Leave 63d street and Stony Island avenue.
Route—South on Stony Island avenue to 73d street, east to Railroad avenue, southeast to 75th street, east to Coles avenue, southeast to 79th street, west to Exchange avenue, south to 83d street, east and southeast to Commercial avenue, south to 91st street, east to Erie avenue, south to South Chicago avenue, southeast to 95th street, east to Ewing avenue, south to 108th street.

WHITING AND EAST CHICAGO LINE.

Leave 63d street and Madison avenue.
Route—East on 63d street to Stony Island avenue, south to South Chicago avenue, southeast to 91st street, east to Commercial avenue, south to 92d street, east to Ewing avenue, south to Indianapolis avenue, southeast to State Line—thence to East Chicago and Whiting.

CONDENSED TIME TABLE

OWL CAR SERVICE—CHICAGO CITY RY. CO.

EAST AND WEST LINES

Archer Limits Interval 30 min.		Archer 38th Interval 30 min.		22nd Interval 30 min.		31st Interval 15 min.		35th Interval 30 min.		39th Interval 30 min.		TIME POINTS Intersecting Lines	43rd & Root Interval 15 min.		47th Interval 15 min.		51st Interval 20 min.		59th & 61st Interval 15 min.		63rd Robey Interval 15 min.		63rd C. Lawn Interval 30 min.		67th & 69th Interval 15 min.	
1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	EASTBOUND	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl
11.51	4.51	12.15	4.45	12.28	4.58	12.15	5.00	12.26	4.56	12.50	4.50	Lv. Terminal. Lv	12.06	5.06	12.03	5.03	12.20	5.20	12.05	5.05	12.45	5.00	12.35	4.35	12.10	4.55
12.07	5.07	12.22	4.52	12.38	5.08	.....	.....	12.28	4.58	.....	.....	Lv..Western..Lv	.....	.....	12.08	5.08	.....	.....	.....	.....	.....	.....	12.43	4.43	.....	.....
12.15	5.15	12.30	5.00	12.44	5.14	12.15	5.00	12.33	5.03	.....	.....	Lv. Ashland..Lv	.....	.....	12.13	5.13	12.23	5.23	12.09	5.09	12.48	5.03	12.48	4.48	12.14	4.59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lv. .Centre . .Lv	.....	.....	12.15	5.15	12.25	5.25	12.11	5.11	12.50	5.05	12.50	4.50	12.16	5.01
12.22	5.22	12.37	5.07	12.50	5.20	12.21	5.06	12.39	5.09	12.52	4.52	Lv..Halsted..Lv	12.06	5.06	12.18	5.18	12.28	5.28	12. 4	5.14	12.53	5.08	12.53	4.53	12.19	5.04
12.24	5.24	12.39	5.09	.....	.....	12.23	5.08	12.41	5.11	12.53	4.53	Lv..Wallace..Lv	12.08	5.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	12.54	5.24	12.26	5.11	12.44	5.14	12.56	4.56	Ar. Wentw'h. Ar	12.11	5.11	12.23	5.23	.....	.....	12.18	5.18	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	12.29	5.14	12.46	5.16	.....	.....	Lv. Wentw'h. Lv	.....	.....	12.25	5.25	12.32	5.32	.....	.....	12.58	5.13	12.58	4.58	12.24	5.09
12.28	5.28	12.43	5.13	12.55	5.25	12.30	5.15	12.47	5.17	12.58	4.58	Lv...State...Lv	12.12	5. 2	12.26	5.26	12.33	5.33	12.20	5.20	12.59	5.14	12.59	4.59	12.25	5.10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.59	4.59	Ar..Indiana..Ar	12.15	5.15	12.28	5.28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	12.32	5.17	12.49	5.19	.....	.....	Lv..Indiana..Lv	.....	.....	12.30	5.30	12.35	5.35	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	12.35	5.20	12.52	5.22	1.03	5.03	Lv..C. Grove..Lv	12.19	5.19	12.34	5.34	.....	.....	12.26	5.26	1.04	5.19	1.04	5.04	12.31	5.16
12.40	5.40	12.55	5.25	12.56	5.26	12.36	5.21	12.52	5.22	1.03	5.03	Ar.Terminal. Ar	12.22	5.22	12.37	5.37	12.36	5.36	12.31	5.31	1.11	5.26	1.11	5.11	12.37	5.22
												WESTBOUND														
12.42	5.42	12.57	5.27	12.58	5.28	12.37	5.22	12.55	5.25	1.05	4.35	Lv.Terminal.Lv	12.23	5.23	12.38	5.38	12.36	5.36	12.33	5.33	1.13	5.28	1.13	4.13	12.40	5.25
.....	.....	.....	.....	.....	.....	12.38	5.23	12.55	5.25	1.05	4.35	Lv..C. Grove.Lv	12.26	5.26	12.41	5.41	.....	.....	12.38	5.38	1.19	5.34	1.19	4.19	12.45	5.30
.....	.....	.....	.....	.....	.....	12.41	5.26	12.58	5.28	1.08	4.38	Lv..Indiana..Lv	12.30	5.30	12.45	5.45	12.37	5.37	.....	.....	.....	.....	.....	.....	.....	.....
12.54	5.54	1.09	5.39	12.5	5.29	12.43	5.28	1.00	5.30	1.10	4.40	Lv...State ..Lv	12.31	5.31	12.46	5.46	12.39	5.39	12.44	5.44	1.24	5.39	1.24	4.24	12.51	5.36
.....	.....	.....	.....	1.00	5.30	12.44	5.29	1.01	5.31	1.11	4.41	Ar. Wentw'h. Ar	12.34	5.34	12.48	5.48	12.40	5.40	.....	.....	1.26	5.41	1.26	4.26	12.53	5.38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lv. Wentw'h. Lv	12.36	5.36	.....	.....	.....	.....	12.46	5.46	1.28	5.43	1.28	4.28	12.54	5.39
12.58	5.58	1.13	5.43	.....	.....	12.47	5.32	1.04	5.34	1.14	4.44	Lv..Wallace..Lv	12.39	5.39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1.00	6.00	1.15	5.45	1.04	5.34	12.49	5.34	1.06	5.36	1.16	4.46	Ar..Halsted..Ar	12.40	5.40	12.53	5.53	12.44	5.44	.....	.....	1.33	5.48	1.33	4.33	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1.08	5.38	.....	.....	Lv..Halsted..Lv	.....	.....	.....	.....	.....	.....	12.50	5.50	1.35	5.50	1.35	4.35	12.59	5.44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lv. .Centre . .Lv	.....	.....	12.55	5.55	12.46	5.46	12.52	5.52	1.37	5.52	1.37	4.37	1.01	5.46
1.10	6.10	1.25	5.55	1.10	5.40	12.55	5.40	1.14	5.44	.....	.....	Ar..Ashland .Ar	.....	.....	12.58	5.58	12.49	5.49	12.55	5.55	1.40	5.55	1.40	4.40	1.04	5.49
1.17	6.17	1.32	6.02	1.16	5.46	.....	.....	1.19	5.49	.....	.....	Lv..Western .Lv	.....	.....	1.03	6.03	.....	.....	.....	.....	.....	.....	1.45	4.45	.....	.....
1.33	6.33	1.39	6.09	1.26	5.56	12.55	5.40	1.21	5.51	1.18	4.48	Ar.Terminal.Ar	12.41	5.41	1.08	6.08	12.52	5.52	12.59	5.59	1.43	.....	1.53	4.53	1.08	.....

CONDENSED TIME TABLE

OWL CAR SERVICE—CHICAGO CITY RY. CO.

NORTH AND SOUTH LINES

Cottage Grove				Indiana		State		TIME POINTS	Wentw'th		Halsted		Wallace		Ashland	
Gr.Cross'g Interval 15 min.		55th Interval 15 min.		51st Interval 15 min.		73rd Interval 15 min.		Intersecting Lines	79th Interval 15 min.		79th Interval 15 min.		& Centre Interval 30 min.		No. 9 Interval 30 min.	
1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	NORTHBOUND	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl	1st Owl	Last Owl
12.48	5.03	12.52	5.07	12.55	4.55	1.00	4.15	Lv..Terminal..Lv	12.15	4.00	12.08	4.38	12.01	4.31	12.45	4.45
12.53	5.08	.....	.....	.....	.....	1.02	4.17	Lv...67th-69th...Lv	12.24	4.09	12.14	4.44	12.04	4.34	12.46	4.46
12.56	5.11	.....	.....	.....	.....	1.06	4.21	Lv.....63rd.....Lv	12.28	4.13	12.20	4.50	12.08	4.38	12.50	4.50
12.57	5.12	.....	.....	.....	.....	1.07	4.22	Lv...59th-61st...Lv	12.30	4.15	12.22	4.53	12.10	4. 0	12.52	4.52
1.01	5.16	12.58	5.13	.....	.....	.....	.....	Ar..55th & C. G. Ar	.....	.....	.....	.....	.....	.....	.....	.....
1.03	5.18	.....	.....	12.56	4.56	1.13	4.28	Lv.....51st.....Lv	12.35	4.20	12.27	4.57	12.15	4.45	12.57	4.57
1.06	5.21	.....	.....	12.58	4.58	1.16	4.31	Lv.....47th.....Lv	12.38	4.23	12.30	5.00	12.18	4.48	1.00	5.00
1.08	5.23	.....	.....	1.00	5.00	1.19	4.34	Lv..Root-43rd..Lv	12.41	4.26	12.33	5.03	12.24	4.54	.....	.....
1.11	4.56	.....	.....	1.03	5.03	1.21	4.36	Lv.....39th.....Lv	12.43	4.28	12.35	5.05	12.27	4.57	.....	.....
1.13	4.58	.....	.....	1.05	5.05	1.23	4.38	Lv.....35th.....Lv	12.45	4.30	12.37	5.07	12.29	4.59	1.07	5.07
1.16	5.01	.....	.....	1.08	5.08	1.26	4.41	Lv.....31st.....Lv	12.48	4.33	12.40	5.10	12.32	5.02	1.10	5.10
.....	.....	.....	.....	.....	.....	1.33	4.48	Lv....Archer....Lv	12.55	4.40	12.44	5.14	12.37	5.07	1.10	5.10
1.21	5.06	.....	.....	1.13	5.13	1.31	4.46	Lv.....22nd.....Lv	12.53	4.38	12.48	5.18	12.38	5.08	1.15	5.15
1.34	5.19	.....	.....	1.26	5.26	1.45	5.00	Ar..Terminal..Ar	1.06	4.51	1.01	5.31	12.53	5.23	1.40	5.40
								SOUTHBOUND								
1.40	5.25	.....	.....	1.32	5.32	1.50	5.05	Lv..Terminal..Lv	1.12	4.57	1.07	5.37	12.55	5.25	12.45	4.45
1.53	5.38	.....	.....	1.45	5.45	2.04	5.19	Lv.....22nd.....Lv	1.25	5.10	1.20	5.50	1.10	5.40	1.10	5.10
.....	.....	.....	.....	.....	.....	2.02	5.17	Lv....Archer....Lv	1.24	5.09	1.24	5.54	1.11	5.41	1.15	5.15
1.58	5.43	.....	.....	1.50	5.50	2.09	5.24	Lv.....31st.....Lv	1.30	5.15	1.28	5.58	1.16	5.46	1.15	5.15
2.00	5.45	.....	.....	1.52	5.52	2.11	5.26	Lv.....35th.....Lv	1.32	5.17	1.30	6.00	1.18	5.48	1.17	5.17
2.03	4.33	.....	.....	1.55	5.40	2.14	5.29	Lv.....39th.....Lv	1.35	5.20	1.33	6.03	1.21	5.51	.....	.....
2.05	4.35	.....	.....	1.57	4.42	2.16	5.31	Lv..Root-43rd..Lv	1.36	5.21	1.34	6.04	1.24	5.54	.....	.....
2.08	4.38	.....	.....	2.00	4.45	2.19	5.34	Lv.....47th.....Lv	1.40	5.25	1.38	6.08	1.30	6.00	1.25	5.25
2.10	4.40	.....	.....	2.02	4.47	2.21	5.36	Lv.....51st.....Lv	1.42	5.27	1.40	6.10	1.32	6.02	1.27	5.27
2.13	4.43	2.16	5.01	.....	.....	.....	.....	Lv.55th & C. G.Lv	.....	.....	.....	.....	.....	.....	.....	.....
2.16	4.46	.....	.....	.....	.....	2.26	5.41	Lv...59th-61st...Lv	1.47	5.32	1.45	6.15	1.37	6.07	1.32	5.32
2.18	4.48	.....	.....	.....	.....	2.29	5.44	Lv.....63rd.....Lv	1.50	5.35	1.48	6.18	1.40	6.10	1.35	5.35
2.21	4.51	.....	.....	.....	.....	2.33	5.48	Lv...67th-69th...Lv	1.54	5.39	1.52	6.22	1.44	6.14	1.39	5.39
2.26	4.56	2.22	5.07	2.03	4.48	2.35	5.50	Ar..Terminal..Ar	2.03	.....	1.58	6.28	1.47	.....	1.40	.....

FIRST AND LAST DAY CARS

KEDZIE AVENUE

Lv. 63d-st. (North).....
Lv. Drainage Canal (South).....

KEDZIE AND LAWNDALE

Lv. River (North)..5:24 a. m.—12:40 a. m.
Lv. 22d-st. (South)..5:10 a. m.—12:28 a. m.

WESTERN AVENUE

Lv. Archer (South).....
Lv. 71st-st. (North).....

THROOP AND MORGAN

Lv. 21st-st. (South)..5:35 a. m.— 9:15 p. m.
Sunday..5:35 a. m.—10:35 p. m.
Lv. 39th-st. (North)..5:50 a. m.— 9:30 p. m.
Sunday..5:50 a. m.—10:50 p. m.

26TH STREET

Lv. Halsted (East)..5:15 a. m.—12:15 a. m.
Lv. C. Grove (West)..5:25 a. m.—12:25 a. m.

63D—CLEARING

Lv. C. Lawn (West)..5:58 a. m.—12:13 a. m.
Sunday..5:43 a. m.—12:13 a. m.
Lv. Clearing (East)..6:12 a. m.—12:27 a. m.
Sunday..5:57 a. m.—12:27 a. m.

63D—48TH AVENUE

Archer Limits Joliet Connection.

Lv. C. Lawn (West)..5:43 a. m.—11:13 p. m.
Sunday..6:13 a. m.—11:43 p. m.
Lv. Archer (South)..5:58 a. m.—11:28 p. m.
Sunday..6:28 a. m.—11:58 p. m.

79TH STREET

Lv. Centre (East).....
Lv. State (West).....

THROUGH ROUTE NO. 2

Wentworth—Clybourn

Lv. 79th-st. (North)..4:29 a. m.—12:00 a. m.
Lv. Belmont (South)..4:51 a. m.—12:21 a. m.

THROUGH ROUTE NO. 22

Wentworth—Clark

Lv. 77th-st. (North)..4:26 a. m.—12:12 a. m.
Lv. Devon (South)...4:30 a. m.—12:16 a. m.

THROUGH ROUTE NO. 24

Halsted

Lv. 69th-st. (North)..4:50 a. m.—12:20 a. m.
Lv. Division (South)..4:50 a. m.—12:20 a. m.

HOSPITALS AND DISPENSARIES OF CHICAGO.

Abraham Lincoln—2941 Calumet avenue.
Alexian Brothers'—Racine and Belden avenues.
Augustana—2043 Cleveland avenue.
Beulah—2148 North Clark street.
Bohemian—1333 South California avenue.
Chicago Baptist—Rhodes avenue and 34th street.
Chicago Charity—2407 Dearborn street.
Chicago City Infant—721 LaSalle avenue.
Chicago Homeopathic—707 South Wood street.
Chicago Hospital—811 East 49th street.
Chicago Lying-In—515 South Ashland boulevard.
Chicago Maternity—2314 North Clark street.
Chicago Policlinic—221 West Chicago avenue.
Chicago Tuberculosis—411, 158 Adams street.
Chicago Union—3018 Soult street.
Children's—Wood street, near Polk.
Children's Memorial—706 Fullerton avenue.
Columbia—4607 Champlain avenue.
Columbus—2540 Lake View avenue.
Cook County—West Harrison and Wood streets.
Detention—Wood and West Polk streets.
Emergency (city)—129 Harrison street, 1065 West Monroe street, 1423 Wells street, 339 Michigan avenue and 1275 Washington boulevard.
Englewood—West 60th and South Green streets.
Evangelical Deaconesses'—403 Wisconsin street.
Frances E. Willard National Temperance—710 South Lincoln street.
Garfield Park—3815 Washington boulevard.
George Smith Memorial—See St. Luke's.
German-American—741 Diversey boulevard.
German Hospital—2217 Hamilton court.
Grace—398 South Sangamon street.
Hahnemann—2814 Groveland avenue.
Henrotin Memorial—939 LaSalle avenue.
Illinois Charitable Eye and Ear Infirmary—904 West Adams street.
Isolation—West 34th street and Lawndale avenue.
Jefferson Park—1402 West Monroe street.
Lakeside—4147 Lake avenue.
Lake View—628 Belmont avenue.
Littlejohn—1412 West Monroe street.
Mary Thompson—West Adams and Paulina streets.
Memorial Institute for Infectious Diseases—1743 West Harrison street.
Mercy—Calumet avenue and 26th street.
Michael Reese—Groveland avenue and 29th street.
Modern Maccabee—218 East 55th street.
Monroe Street—2501 West Monroe street.
North Chicago—2551 North Clark street.
Norwegian Lutheran—Haddon avenue and Leavitt street.
Norwegian Lutheran Tabitha—North Francisco avenue and Thomas street.
Park Avenue—1940 Park avenue.
Passavant Memorial—147 West Superior street.
People's—2184 Archer avenue.
Post-Graduate—Dearborn and 24th streets.
Presbyterian—West Congress and Wood streets.
Provident—Dearborn and 36th streets.
Pullman—11217 Watt avenue.
Ravenswood—1917 Wilson avenue.
Robert Burns—3807 Washington boulevard.
St. Ann's—North 49th avenue and Thomas street.
St. Anthony de Padua—West 19th street and Marshall boulevard.
St. Bernard's Hotel Dieu—6337 Harvard avenue.
St. Elizabeth's—North Claremont avenue and Lemoyne street.
St. Joseph's—Garfield avenue and Burling street.
St. Luke's—1439 Michigan avenue.
St. Mary of Nazareth—North Leavitt and Thomas streets.
South Chicago—2323 East 92d street.
Streeter—2646 Calumet avenue.
Swedish Covenant—2745 Foster avenue.
United States Marine—Clarendon and Graceland avenues.
University—West Congress and Lincoln streets.
Washington Park—60th street and Vernon avenue.
Wesley—2449 Dearborn street.
West Side—1844 West Harrison street.
Woman's Hospital of Chicago—Rhodes avenue and 32d street.

DISPENSARIES.

Alexian Brothers' Hospital—Belden and Racine avenues.
American Medical Missionary—828 West 35th place; open 10 a. m. to 12 m.
Bennett Free—300 North Ada; open 9 a. m. to 5 p. m., except Sundays.
Calumet Avenue Free—2526 Calumet avenue.
Central Free—West Harrison and Wood; 9 a. m. to 5 p. m., except Sundays.
Chicago Lying-In—Maxwell and Newberry.
Chicago Policlinic—219 West Chicago avenue; 8:30 a. m. to 6 p. m. daily.
Chicago Public—Dearborn and 24th; all day.
German Hospital—Hamilton court and Grant place; 9 a. m. to 5 p. m., except Sundays.
Hahnemann College Free—2811 Cottage Grove avenue; all day.
Hahnemann College Free Clinic for Tuberculosis—2817 Cottage Grove avenue.
Hering College—703 South Wood; 8 a. m. to 5 p. m., except Sundays.
Illinois Charitable Eye and Ear—124 South Peoria; 1:30 to 3 p. m., except Sundays and holidays.
Institutional Policlinic and Free Dispensary—778 South Halsted street.
Jewish Aid Society, West Side, Free—1338 South Morgan; daily except Sunday.
Mandel (Emanuel) Memorial—Maxwell and Waller.
Marcy Home—1335 Newberry avenue; 2 to 4 p. m., except Sundays.
Mary Thompson—West Adams and Paulina; 1 to 3 p. m., except Sundays.
Mennonite—639 West 18th; Tuesdays and Fridays, 7 to 9 p. m.
Michael Reese Free—Groveland and 29th.
North Star—157 West Superior; 1 to 2 p. m., except Sundays and holidays.
Olivet—671 Vedder street.
Provident—Dearborn and 36th.
St. Anthony's Free—2033 Frankfort; daily.
St. Luke's—1426 Indiana avenue; 8 a. m. to 5 p. m., except Sundays and holidays.
South Side—2431 Dearborn; 10 a. m. to 12 m. and 2 to 4 p. m. daily.
West Side Free—Congress and Honore (College of Physicians and Surgeons); daily, except Sundays, 10 a. m. to 4 p. m.
West Side Maternity—1143 South Desplaines.

CHICAGO TUBERCULOSIS INSTITUTE.

411, 158 Adams street.
President—Henry B. Favill.
Secretary—Sherman C. Kingsley.
Superintendent—Frank E. Wing.

LAW AND ORDER LEAGUES AND PROTECTIVE ASSOCIATIONS.

Anti-Cruelty Society—President, George L. Douglass; secretary, John H. Crowell, 42, 90 LaSalle street.
Anti-Saloon League of Illinois—1200, 188 Madison street; superintendent, James K. Shields.
Chicago Law and Order League—President, Arthur B. Farwell; secretary, Rev. Herbert B. Gwyn, 1005, 153 LaSalle street.
Citizens' Association—33, 92 LaSalle street; secretary, S. M. Singleton.
Citizens' League of Chicago for the Suppression of the Sale of Liquor to Minors—1405, 59 Clark street; secretary, Daniel M. Nourse; general agent, Rev. Thomas R. Quayle.
Garfield Park Protective Association—President, Rev. E. J. Randall; secretary, Willis M. Lyman, 4357 West Jackson boulevard.
Englewood Law and Order League—226 West 63d street; secretary, J. H. Lyle.
Hyde Park Protective Association—Secretary, Arthur B. Farwell, 1005, 153 LaSalle street.
North Side Law and Order League—Secretary, Rev. Herbert B. Gwyn, 4857 Kenmore avenue.
Society for Prevention of Crime—4717 St. Lawrence avenue; secretary, A. H. Ford.
Vice Commission of the City of Chicago (appointed by the mayor)—President, Dean W. T. Sumner; secretary, Edwin W. Sims.

ILLINOIS BRICK COMPANY

914 Chamber of Commerce Building

138 Washington Street

CHICAGO

WILLIAM SCHLAKE, President
C. B. VER NOOY, Vice-President
J. H. GRAY, Treasurer
E. C. POTTER, Secretary

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IN ADDITION TO THESE OUR ELECTRIC HOISTS HAVE BEEN USED ON MANY OF THE LARGEST BUILDING PROJECTS IN THE UNITED STATES

THOMAS ELEVATOR CO.

Write for Catalogue

20-26 SO. HOYNE-AV., CHICAGO.

Three Years' Record

OF THE

Chicago Railways Company

Operating on the North, West and Northwest Sides.

$30,000,000 expended for rehabilitation up to Nov. 1, 1910

CARS—One thousand new first-class Pay-as-You-Enter cars in operation. Three hundred and forty additional cars of this type under construction. Fifty all-steel cars in use on Van Buren street line.

TRACK—Two hundred and twenty-three miles of new track built, heavy modern grooved rails laid in concrete at a cost of $50,000 a mile. Seventeen miles of extensions built in new territory. Sixteen miles of track built for the Consolidated Traction Company, now a part of the Chicago Railways system, in addition to the mileage stated.

BUILDINGS—Fifteen new buildings, some of them costing from $200,000 to $300,000. New car stations have been erected at the Limits, on North Clark street; at Twenty-fifth and Leavitt streets; at Kedzie avenue and Van Buren street; in Lawndale; at Lincoln and Sheffield avenues, and at West North and 48th avenues. New substations furnishing electrical power have been built at 25th and Leavitt streets; Lill and Sheffield avenues; Grand and 40th avenues; Milwaukee avenue and Cleaver street, and Illinois street and LaSalle avenue. Extensive shop buildings and additions and other important structures have been erected.

ELECTRICAL DEPARTMENT has laid 746 miles of conduit, installed 219 miles of trolley wire and set back of the curb 230 miles of poles, in addition to a large amount of other work.

TUNNELS—The Van Buren street tunnel was opened for operation in October, and the operation of cars through it has greatly relieved congestion in the loop district. Cars will be running the first of the year through the new Washington street tunnel. Work on the LaSalle street tunnel is well advanced.

ACQUIRES SYSTEM OF CHICAGO CONSOLIDATED TRACTION COMPANY—On October 10, 1910, the Chicago Railways Company secured a franchise from the City of Chicago for 123 miles of Consolidated Traction Company's track within the city limits. This system will be rehabilitated with the same thoroughness as the lines of the Chicago Railways Company. The tracks will be rebuilt and new equipment provided. Work has started on the new track on Belmont and Milwaukee avenues and West Madison street. The rehabilitation will be continued vigorously this year.

CITIZENS OF CHICAGO:

We have expended $30,000,000 during the last three years for new cars, new track, new buildings and general equipment. We have complied with the "immediate rehabilitation" requirements of our traction system. Does it meet with your approval?

CHICAGO RAILWAYS COMPANY

The Chicago Railways Company, operating 443 miles on the north, west and northwest sides, feels that it has established a world-beating record during the three-year rehabilitation period terminating in February, 1911. It is a record to inspire pride and elation and satisfaction over work well done.

The Company has more than carried out the spirit and letter of its franchise contract with the city. It has rebuilt its system, and the people—some millions of them—are getting the benefit every hour of the day in improved transportation service.

It has expended vast sums of money, engaged many thousands of workmen; its officers and employes have devoted their fullest energies during the transformation of a system somewhat run down, somewhat dilapidated, and somewhat obsolete into an up-to-date traction system.

BIG VALUE FOR A NICKEL.

The resident of Chicago gets more value for a nickel in street-car transportation than in any other city in the land. He is getting through-route rides—twenty-miles long, if he desires—

and universal-transfer privileges, with transportation in handsome, luxurious, roomy, well lighted, heated, ventilated street cars, costing six thousand dollars each, manned by the highest paid trainmen, running over the highest type of grooved rails, the track costing approximately $50,000 a mile.

Mr. Citizen of Chicago is being transported from the heart of the city in street cars that are superior in comfort to privately owned automobiles, to the uttermost parts of Chicago; from the clamor and confusion and hurly-burly of the congested business district to the frontiers of the city, embracing 190 square miles of territory, to the region of fresh air, sunshine, roomy yards and cozy houses and cheap real estate. The rate of fare is infinitesimal. It is the cheapest thing in Chicago.

It must be apparent that all of these urban transportation facilities (and nowhere has the standard of living advanced more than in street car accommodations) cost money—considerable money—and as has been stated, the Chicago Railways Company, in order to give the people of this city a perfect traction system, had expended up to the first of November the comfortable sum of $30,000,000

CARRIES 1,500,000 PASSENGERS DAILY.

The passengers of the Chicago Railways Company, something like 1,500,000 every day in the year, have seen the evidences of the rehabilitated system, and can tell you where the money has gone. They ride in the new cars, over the new track, and they can observe the great buildings erected for housing the vehicles and supplying the electric current that makes the wheels go round. They cannot fail to be impressed with the provisions made for their comfort at the "Limits station," where a large waiting room is situated, with tiled floor, white and green enameled brick trimmings, public toilet rooms and station seats. A

Interior of One of the Fifty All-Steel Cars of the Chicago Railways Company.

covered arcade enables passengers to transfer from one car line to another without regard to inclement weather.

The Chicago Railways Company now has in operation over 1,000 first-class new Pay-as-You-Enter street cars, and will, within the next three months, have a total of 1,340 of these comfortable modern vehicles, equipping every line upon its system. The cars of the Chicago Railways Company have been constructed by the Pullman company with the same care, as to details, that marks the sleeping cars of that concern. Not that passengers are supposed to do any sleeping in the street cars, even when straggling home in the early morning hours! But your native born and adopted residents of Chicago insist upon being comfortable and roar when they are not, and on this account the Chicago Railways Company's cars have been built with wide aisles and wide seats that will accommodate two corpulent persons sitting side by side, and with strong electric lights, so placed that passengers can read their newspapers without straining their eyes, and with wide windows so that the view is unobstructed; and with roomy front platforms for smokers; and with perfect motor equipment—four motors to the car—so there may be no annoying delays resulting from breakdowns—so that the journey in the street cars may be accomplished with as little delay as may be compatible with safety of operation.

VENTILATED STREET CARS.

The later street cars that the Chicago Railways Company is receiving are provided with a perfect ventilating system in which the stale air is pumped out by means of a fan operated by an electric motor, while a new supply of air enters through the car floor. In winter the air is warmed by passing over the electric heaters. So you see the new street cars are more scientifically ventilated than the average home. The new vehicles are all supplied with

Five Generators in the Van Buren Street Substation —Largest Substation in the World —Chicago Railways Company.

New Car Station of Chicago Railways Company at "The Limits."

One of the Five New Substations—Chicago Railways Company.

steel wheels which are practically noiseless in operation and do not become worn into that instrument of torture known as the flat wheel.

In addition to cars of the prepayment type, the company operates hundreds of other cars, so that during the rush hour the Chicago citizens come near realizing their ambition—to all get down to work in the morning and all go home in the evening at the same time. It is quite likely that in Continental Europe there are more seats available during the rush hours, but in Continental Europe one isn't in so much of a hurry. Furthermore, the people of Chicago wouldn't stand for European street cars on the back streets. They want 'em long and wide and imposing looking. Nothing else will do.

But something else besides street cars is needed in the operation of an up-to-date system. These new cars of the Chicago Railways Company weigh 53,000 pounds each—requiring some power to run them—and it was obvious that the old style of rail wouldn't sustain their weight very long, or succesfully. Moreover, the traction ordinances required grooved rails of a specific type. So, all over the city, as soon as the traction ordinance had been accepted, the company began to tear up the old rails—in some places they were good enough to have survived for several years—and replace them with grooved rails of the girder type, 9½ inches deep, and weighing 129 pounds to the yard. After tearing out the old cable tracks, an arduous task in itself, hard on back and morals, the trackmen made deep excavations. Rolling the bed of the excavation thoroughly, the next step was to lay a foundation of crushed stone and then concrete, surrounding the chemically treated ties. This type of construction, with which Chicago people have become so familiar during the last three years, costs approximately $50,000 a mile, which includes the paving of the right of way. In many instances the track work cost even more when the company was obliged to pave the street for some distance outside the right of way, in order that the contour of the street might be preserved. In hundreds of places on the lines of the Chicago Railways Company there are street intersections where the track and pavement

represent an outlay of $25,000 or more for each layout of special work. These new rails are welded together by electricity, and the joints at intersections where special work has been installed are of solid nickel steel.

At the close of 1910 the company had built 223 miles of new track, including seventeen miles of extensions. In addition sixteen miles of new track had been constructed for the Consolidated Traction Company.

Rehabilitation also necessitated the installation of many miles of trolley wire, the setting back of trolley poles on 250 miles of street, the laying of over 700 miles of single duct cable conduit and the installation of cable therein for the transmission of electric current and a large amount of other work done that wouldn't be of much interest except to a street railroad man or an electrician.

Originally, when the electric street cars succeeded the cable rope, which in its turn had replaced the horse cars, the electrical power was supplied by power houses of the company. The modern idea appears to be to purchase this power in large quantities from a central electric plant and transmit it over the railways' system through substations. The Chicago Railways Company has a number of these substations situated at convenient places on its lines. The exterior of the buildings presents an ornamental type of architecture, being constructed of vitrified brick. The electric current is delivered at the substations at high voltage and reduced by means of rotary converters to the voltage required for the operation of electric cars.

The building rehabilitation of the Chicago Railways Company necessitated the construction of a number of new car stations, shops and other structures, some of them representing an outlay of more than $300,000 each. All of the car stations are fireproof, built of vitrified brick and concrete, are an architectural credit to their respective neighborhoods, and are not only designed so that the street cars may be most conveniently handled, but the greatest pains have been taken for the comfort of the men.

During the last three years **$2,554,636.47** has been paid to the City by the Chicago Railways Company, being 55 per cent of its net receipts.

ASYLUMS AND HOMES IN CHICAGO.

Augustana Nurses' Home—346 Garfield avenue.
Bethany Home for the Aged—5023 N. Paulina street.
Beulah Home—2144 North Clark street.
Bohemian Old People's Home—40th avenue, near Foster avenue.
Chicago Baptist Deaconesses and Girls' Home—1646 West Superior street.
Chicago Baptist Old People's Home—Maywood.
Chicago Baptist Orphanage—Maywood.
Chicago Deaconesses' Home—22 West Erie street.
Chicago Home for Boys—1500 West Adams street.
Chicago Home for Incurables—5535 Ellis avenue.
Chicago Home for Jewish Orphans—Drexel avenue and 62d street.
Chicago Industrial Home for Children—Office 1132 West Washington boulevard.
Chicago Industrial School for Girls—4900 Prairie avenue.
Chicago Municipal Lodging House—160 North Union street.
Chicago Nursery and Half Orphan—1932 Burling-st.
Chicago Orphan—5120 South Park avenue.
Chicago Refuge for Girls—5024 Indiana avenue.
Children's Home—826 Ridge avenue, Evanston.
Church Home for Aged Persons—4325 Ellis avenue.
Cook County Insane—Dunning.
Cook County Poor—Oak Forest.
Danish Lutheran Orphan—3320 Evergreen avenue.
Danish Old People's Home—Walnut avenue and Clarendon street.
Danish Young People's Home—3544 Wabash avenue and 3925 Michigan avenue.
Evangelical Deaconesses' Home—408 Wisconsin-st.
Faith Missionary Home—300 West 74th street.
Florence Crittenton Anchorage—2615 Indiana-av.
Foundlings' Home—15 South Wood street.
German Baptist Old People's Home—1843 North Spaulding avenue.
German Deaconesses' Home—2048 Dayton street.
German Hospital Nurses' Home—2329 Belden court.
German Old People's Home—Forest Park, Ill.
Guardian Angel, German Orphan—2001 Devon-av.
Home for the Aged—West Harrison and Throop streets.
Home for Aged Jews—Drexel avenue and 62d street.
Home for Aged and Infirm Colored People—510 West Garfield boulevard.
Home for Destitute Crippled Children—1653 Park avenue.
Home for the Friendless—Vincennes avenue and 51st street.
Home for Jewish Friendless and Working Girls—Ellis avenue and 53d street.
Home for Missionaries' Children—Morgan Park.
Home for Self-Supporting Women—12 East Indiana street.
House of the Good Shepherd—Grace street, between Racine and Seminary avenues.
Illinois Industrial Home for the Blind—1900-1932 Marshall boulevard.
Illinois Industrial School for Girls—Park Ridge, Ill.; office, 510, 134 Clark street.
Illinois Masonic Orphans' Home—25 Bishop court.
Illinois Manual Training School Farm—Glenwood, Ill. Office 608, 169 Jackson boulevard.
Illinois St. Andrew Society Old People's Home—547 Bryant avenue.
Immanuel Women's Home—1505 LaSalle avenue.
Lutheran Children's Home—Rockwell and Hirsch streets.
Lutheran Mission Home for Young Women—1307 East 54th street.
Margaret Etter Creche—2421 Wabash avenue.
Marks Nathan Jewish Orphan—1241-1249 North Wood street.
Martha Washington Home—North Western avenue and Irving Park boulevard.
Mercy Home—2834 Wabash avenue.
Methodist Episcopal Old People's Home—1417 Foster avenue.
Mission of Our Lady of Mercy—1138 Jackson-bd.
Newsboys and Bootblacks' Home—332 5th avenue.
Norwegian Lutheran Children's Home—5803 Irving Park boulevard.
Norwegian Old People's Home—6054 Avondale-av.
Old People's Home—3850 Indiana avenue.
Olive Branch Mission Home—121 South Peoria street.
Olivet Old Ladies' Home—668 Gardner street.
Orthodox Jewish Home for the Aged—Albany and Ogden avenues.
Paulist Day Nursery—15 Eldredge place.
Phyllis Wheatley Home—3530 Forest avenue.
St. Anthony's Orphanage—2033 Frankfort street.
St. Charles School for Boys—St. Charles, Ill.
St. Joseph's Home for Aged and Crippled—2649 North Hamlin avenue.
St. Joseph's Home for the Friendless—1100 South May street.
St. Joseph's Orphan Asylum—Lake avenue and 35th street.
St. Joseph's Polish Catholic Orphan Asylum—2057 North 44th court.
St. Joseph Polish Old Roman Catholic Orphan Asylum—505 36th street.
St. Joseph's Provident Orphan Asylum—North 40th avenue, near Belmont avenue.
St. Mary's Home for Children—2818 West Jackson boulevard.
St. Mary's Mission Home—848 Washington-bd.
St. Mary's Training School for Boys—Des Plaines, Ill.; office, 717, 79 Dearborn street.
St. Vincent's Infant Asylum and Maternity Hospital—721 LaSalle avenue.
St. Vincent's Orphan Asylum—2649 North Hamlin avenue.
Susanna Wesley Home—3330 Indiana avenue.
Swedish Baptist Old People's Home—Morgan Park.
Uhlich Evangelical Lutheran Orphan Asylum—2014 Burling street.
Washingtonian Home—1529 West Madison street.
Western German Baptist Old People's Home—1839 North Spaulding avenue.
Women's Model Lodging House—3040 Calumet-av.
Young Woman's Christian Association Home—288 Michigan avenue.
Young Woman's Christian Home—1317 Washington boulevard.

CHICAGOANS OF ADVANCED YEARS.

The following list contains the names of residents of Chicago who are more than 90 years of age:

Arnold, Mrs. Emily C. (93), 3403 S. Paulina street.
Ashman, Thomas (92), 335 N. Washtenaw avenue.
Austin, Alvin (97), 4456 W. Congress street.
Bartlett, Mrs. Christine (97), 1013 Laflin street.
Bodzinski, Mrs. Mary (102), 4456 Honore street.
Bresnan, Mrs. Hannah (103), St. Joseph's hospital.
Broderick, Michael (93), 264 Alexander street.
Budde, Henry (95), 950 Barry avenue.
Cain, James A. (101), 6450 Parnell avenue.
Creet, Catherine (91), 1435 Spruce street.
Dombrowski, Mrs. Catherine (109), 526 N. Ada street.
Fittz, Jane Paine (92), 2148 W. Jackson boulevard.
Foss, John P. (93), 1320 W. Monroe street.
Haake, John D. (93), 4312 N. 41st court.
Hassey, Catherine (105), 1142 W. 15th street.
Hughes, Edward (90), 3453 Cottage Grove avenue.
Isbell, Lewis (92), 2733 Wentworth avenue.
Jerrain, Mrs. Julie Pelletier (92), 3222 Archer avenue.
Kaup, Mrs. Louise (92), 1400 N. Artesian avenue.
Keller, George (92), 1144 Newton street.
Kistner, Valentine (91), 10324 Prospect avenue.
Lane, Mrs. Charles B. (92), 1542 W. Adams street.
Lasco, Mrs. Emma (96), 547 Bryant avenue.
Lawrence, Susan L. (94), 219 St. John's court.
Mitchell, William H. (93), 2004 Calumet avenue.
McKay, Mrs. Matilda (96), 547 Bryant avenue.
Perkins, A. H. H. (96), 2016 Cleveland avenue.
Pierce, Joseph (91), 25 Bellevue place.
Powers, David J. (96), 1948 Lincoln avenue.
Pringle, Mrs. Isabelle M. (91), 5746 Jackson avenue.
Retsin, John (93), 2325 N. Rockwell street.
Reynolds, John P. (90), 67 Washington place.
Rubotton, Mrs. Jane (101), 7335 May street.
Savage, Rev. George S. F. (93), 1857 Washington-bd.
Schoellekopf, Henry (94), 19 W. Chicago avenue.
Smele, Mrs. James (97), 7301 Langley avenue.
Smith, Jesse W. (94), 254 Forest avenue, Oak Park.
Stelleke, Andrew (102), 8712 Commercial avenue.
Stephens, Mrs. Malina (96), 736 E. 50th place.
Wallis, Mrs. F. M. (99), 3647 W. Polk street.
Warner, Archelæus (93), 402 W. 56th street.
Wright, Andrew J. (95), 1518 Sunnyside avenue.

H. P. NELSON CO.

CHICAGO

MANUFACTURERS OF

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WE GIVE THE BEST VALUE IN THE COUNTRY, QUALITY CONSIDERED.

We Manufacture 12,000 to 14,000 Pianos Annually

Successor to
F. C. ROSSITER
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CHICAGO

PLANS AND ESTIMATES FOR
STREET IMPROVEMENTS, SEWAGE DISPOSAL.
BRIDGES, MINING AND TUNNEL WORK.

PHONES
CENTRAL 1824
MAIN 15

WHAT MOVING PICTURES ARE GIVING TO THE WORLD

A Moral and Educational Tonic for the Young and Old Alike

S E L I G

THE great Selig Polyscope Co. of Chicago has gradually forged its way to the foremost position in the great struggle for supremacy in the moving picture field and stands to-day without a peer. Ten years ago we can remember Mr. W. N. Selig, the founder and president of the Selig Poly-

THE SELIG POLYSCOPE CO.
CHICAGO TRADE MARK U. S. A.

EUROPEAN OFFICES
LONDON BERLIN PARIS MOSCOW

scope Co., now the most extensive picture manufacturer in the world, struggling for a livelihood in a small room at 43 Peck Court. To-day his studios and factories cover many acres and beautifully g a r d e n e d grounds surround them, which makes possible the wonderful attainments accredited to the film wizard. The main plant and studio is in Chicago, extending from Irving Park Boulevard to Byron Street on the south, and from Western Avenue to Claremont on the east, with buildings containing more than 80,000 square feet of occupied floor space. Another large plant is in Los Angeles, California, also camera squads in South America, South Sea Islands, Europe and Africa. The extensive offices are at 45 Randolph Street, Chicago, occupying a floor space of 80x130.

Mr. Selig has recently opened a foreign market for the great Diamond S films, the distributing stations being in London, Paris, Berlin, Moscow, Johannesburg and Sydney. Chicago people are strong supporters of the moving picture shows. There are 600 moving picture theaters in Chicago and fifty vaudeville houses which exhibit them in their performances. An estimate of the daily attendance at the moving picture shows is difficult to obtain, but 150,000 is considered a minimum. $15,000 is considered the approximate sum expended daily in Chicago for this form of entertainment.

Ten prominent writers are in the employ of the Selig Polyscope Co. Their work requires a skill which it is asserted is superior to that employed in the writing of stories, because they have to depend to such a large extent on the details of movement and expression in their scenes rather than on conversational methods. When a historic scene is to be depicted they study the literature of the day and then depict accurate-

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THE SELIG POLYSCOPE CO.

CHICAGO TRADE S MARK U. S. A.

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LONDON BERLIN PARIS MOSCOW

ly scenes that will give as nearly a faithful representation as possible.

The decision of the Supreme Court affirming the right of the mayor to censor the films and pictures exhibited in the cheaper as well as the more pretentious theaters cannot fail to gratify those of us who believe that the five-cent **moving picture** shows are possibilities for a great deal of good in the community. Of rapid growth, these novel places of amusement have undoubtedly filled a popular need. Otherwise their ubiquity and marvelous increase in variety and number is inexplicable. That they are a paying venture merely confirms the fact that there is a demand for just the kind of entertainment they provide. Nor is it difficult to understand wherein the peculiar attraction of these cinematographic displays lies. They do more than fill an idle hour. But did they even do only this they would have to be given credentials as purveyors of legitimate amusement. Hours unemployed are the devil's opportunity. A well-known proverb has taught us to know and to remember this.

They who have had dealings with the young need not to be reminded of the far-reaching applications of this observation. Delinquency among adolescents is in most cases directly traceable to idleness. Hours of relaxation are beset with perils. If not properly utilized they are apt to breed and to encourage vicious indulgence. Public playgrounds, furnishing facilities for athletic and other healthful and helpful games; social centers, providing meeting grounds for social intercourse on a high plane, and thus affording all the attractions of the dance halls without their deplorable and reprehensible accessories, are practical applications of the wisdom phased in the popular saw concerning Satan's delight in idle hands. The moving picture show with the **immoral films** eliminated is a valuable member of the company of modern devices to so direct the leisure hours of the young and old alike as to prevent their being wasted in frivolous and pernicious excitement of demoralizing entertainments.

Even now the discovery has been made and amply verified that the five and ten cent theater with its cinematographic plays is a most powerful rival of the saloon. The saloon has often been defended on the score that it is the poor man's club. There is a strong basis for the plea. But the experience of recent days in connection with the introduction of these **picture**

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theaters indicates that the best method of counteracting the attraction of the saloon as a place of recreation for the clubless is to provide amusements for them at a price which is within the reach of the ordinary patrons of the drinking resort.

Saloonkeepers have reported that their transient trade has fallen off in districts well supplied with these shows. This proves that the new departure should be encouraged. It has come to stay. Its potentiality for good is not to be doubted. Efforts should be made to lift their exhibits to highest planes of instruction. They have a hold on the general public. They fill a need in the economy of the community. In measure as they will reach out for better effects than mere spectacular and sensational reproductions of casual occurrences they will develop into agencies of great value in the domain of education and culture.

The educational value of travel is recognized. As the German song has it, they to whom God desires to show favor are permitted to see his wide world. Contact with the people and races of distant lands is the most efficient antidote to national pride and arrogance. It is the counterirritant to narrow prejudice. It cannot but open the eye to the truth that beauty and virtue are not the monopoly of one race or nation. Goodness and strength are at home in the habitations of our antipodes as they are in our cities and villages. What of difference in the habits and situation of other people a visit to their country brings into view can only lead to the better appreciation of the advantages offered by our own civilization, and thus be an incentive to patriotism, or it will arouse the desire to emulate the example of others when their mode of life and their methods of law are seen to be better than our own.

But travel is denied to most men. They are the minority who may roam through God's world. Modern inventiveness has therefore shown commendable activity in contriving devices for the purpose of enabling those deprived of the privilege of travel to drink in the beauties of far off zones and to become acquainted with their people. The travelogue is in very truth a personally conducted tour without the expense and the discomfort of the actual excursion. Yet even this substitute fails to reach the masses. The picture theater opens to them the opportunity which travel and the travelogue mean to offer the more favored. As such their advent is a glorious earnest for great achievements. If well selected their program cannot but wield a mighty influence making for wider information and deeper culture placed within the ready reach of all.

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THE SELIG POLYSCOPE CO.
CHICAGO TRADE S MARK U. S. A.
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The value of the new theater as a supplement to the course in history and geography given in the public school cannot be overestimated. It has been the ambition of modern pedagogy to make instruction vital. Textbooks are poor apologies for vital and vitalizing knowledge. In all well appointed schools the screen and lantern have been welcomed as powerful helpers. Yet the school hours are few and the subjects many and varied. Even the lantern slide lacks the element of vitality which motion alone can supply.

For this reason the moving picture show promises to be a most valuable adjunct to the schools. Soon a new President will be inaugurated. Yesterday King George paid a visit to Emperor William. Soon our fleet will sail through the great Panama Canal on its voyage around the world. Sicily devastated by earthquake still calls for sympathy. These and many more happenings will fill the columns of the newspapers. Their descriptions convey information, but for all that they are deprived of the breath of life. The cinematograph has mastered the secret of power. It invites us to cheer the pageant or to shudder at the catastrophe as though we had been standing in the very street over which the procession passed or which the disaster overturned. It supplements the account in the newspaper. It vivifies it. It brings home the essential unity of all dwellers on earth. It brings history and geography within the very door of the house in which we live.

Such propinquity to all that happens on our planet, such intimacy with the great actors on the stage of time, the leaders of the nations, such acquaintance with the inhabitants of our earth and in the habiliments of life cannot but make for broader culture and tenderer sympathy. The picture show is indeed of good augury for the quickening of popular intelligence and—popular conscience. Both negatively by counteracting the allurements of lower amusements and positively by spreading knowledge and insight it is to be welcomed and encouraged as an institution doing good in its generation. With these great and glorious objects in view, the upbuilding of manhood and womanhood as a reward for a life's energy, the great redoubtable Selig stands as a beacon from whom radiates, in fountains of knowledge, the greatest educational factor ever given the world.

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THE SELIG POLYSCOPE CO.

CHICAGO TRADE S MARK U. S. A.

FOREIGN BRANCHES

LONDON BERLIN PARIS MOSCOW

CIRCULATION OF THE CHICAGO DAILY NEWS FOR 1910.

DATE.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1.....	Holid'y	339,457	342,404	338,203	Sunday	337,868	325,327	320,699	319,228	307,044	316,813	313,067
2.....	Sunday	342,001	342,550	317,901	328,404	335,477	295,917	320,893	319,417	Sunday	318,350	314,719
3.....	321,033	341,660	341,685	Sunday	336,308	336,272	Sunday	319,966	290,192	318,245	316,684	295,411
4.....	324,709	341,279	342,169	337,575	336,195	312,388	Holid'y	318,109	Sunday	319,677	317,897	Sunday
5.....	327,018	322,904	323,386	346,263	335,729	Sunday	351,578	320,663	253,830	321,206	296,240	320,317
6.....	324,790	Sunday	Sunday	338,951	344,958	338,128	327,326	290,054	320,885	327,418	Sunday	319,289
7.....	326,142	341,503	342,616	337,525	314,830	339,447	328,186	Sunday	321,922	326,281	320,164	315 338
8.....	313,526	341,648	344,201	338,443	Sunday	336,215	324,195	325,851	321,009	305,320	340,978	315,848
9.....	Sunday	341,744	342,710	315,872	339,209	335,469	295,073	337,412	*328,926	Sunday	331,593	315,312
10.....	331,789	339,602	341,070	Sunday	339,037	335,355	Sunday	326,109	298,384	327,772	320,142	296,286
11.....	337,502	339,750	341,682	332,053	336,798	309,763	326,474	323,973	Sunday	327,879	317,842	Sunday
12.....	333,680	316,615	322,004	337,109	341,959	Sunday	324,005	321,734	312,824	320,808	296,578	317,544
13.....	334,341	Sunday	Sunday	338,062	336,456	333,757	326,281	291,729	324,376	320,745	Sunday	317,350
14.....	335,031	340,771	341,654	345,294	317,835	331,853	323,053	Sunday	326,546	326,491	319,471	317,290
15.....	319,886	341,404	341,122	340,616	Sunday	333,171	320,744	321,418	322,678	304,816	319,062	317,227
16.....	Sunday	339,989	340,608	314,188	339,157	335,259	292,204	320,767	325,622	Sunday	318,111	315,713
17.....	336,327	338,435	345,753	Sunday	339,054	332,011	Sunday	318,988	299,216	338,797	316,284	296,105
18.....	334,585	336,928	339,571	338,489	343,984	303,765	325,517	318,354	Sunday	336,516	315,740	Sunday
19.....	339,574	319,127	321,192	337,912	341,715	Sunday	324,396	318,584	325,626	327,203	295,402	315,829
20.....	340,619	Sunday	Sunday	337,357	339,304	328,900	325,111	289,532	324,706	335,288	Sunday	312,741
21.....	338,071	340,485	347,121	337,192	313,616	328,758	321,927	Sunday	324,401	322,309	317,542	312,921
22.....	321,693	341,692	339,353	321,307	Sunday	327,152	318,796	319,322	322,792	316,393	316,897	308,478
23.....	Sunday	335,311	340,125	310,723	340,084	326,060	290,022	318,725	320,484	Sunday	317,478	327,879
24.....	342,264	336,262	338, 87	Sunday	340,469	329,041	Sunday	317,918	300,237	324,765	Holid'y	289,364
25.....	342,416	337,488	340,534	328,382	339,423	301,592	321,917	318,258	Sunday	323,166	316,323	Sunday
26.....	341,811	316,737	319,633	335,103	338,823	Sunday	318,482	320,155	324,702	322,865	306,740	Holid'y
27.....	342,070	Sunday	Sunday	338,628	336,226	328,706	317,998	292,566	328,629	321,034	Sunday	316,505
28.....	338,838	344,557	339,418	336,421	311,975	327,703	317,719	Sunday	328,624	319,342	318,745	319,367
29.....	323,253	.....	337,747	333,204	Sunday	329,214	317,907	321,265	332,874	298,635	316,304	316,678
30.....	Sunday	.....	338,878	312,514	249,356	323,338	289,125	320,397	326,167	Sunday	312,707	315,649
31.....	346,084	.....	339,282	.....	337,483	.....	Sunday	320,156	.....	319,879	.....	293,731
Total....	8,309,360	8,069,808	9,139,331	8,641,015	8,611,215	8,531,582	7,923,779	8,547,072	8,237,964	8,355,017	7,895,723	8,17..045
Average	332,374	336,242	338,493	332,346	331,200	328,137	316,951	316,558	316,844	321,346	315,828	314,309

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YEAR.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Av'ge.
1877.....	11,429	14,841	16,414	18,408	20,715	22,769	35,320	25,366	25,204	23,312	24,439	26,715	22,067
1878.....	26,406	37,019	37,736	37,867	38,348	43,743	49,844	40,911	39,371	38,777	39,380	36,817	38,314
1879.....	38,667	41,346	46,229	46,608	47,105	49,428	47,560	46,500	44,571	44,310	44,922	44,760	45,194
1880.....	48,891	49,425	49,874	49,445	55,834	58,776	56,049	60,623	57,958	58,566	59,672	54,473	54,801
1881.....	57,795	62,965	67,959	69,305	65,067	63,832	71,209	70,397	68,551	62,097	58,100	60,395	64,870
1882.....	61,679	66,941	66,058	65,208	65,193	70,408	73,078	70,456	67,808	63,907	64,819	64,399	66,680
1883.....	67,278	71,379	77,153	76,994	77,462	78,603	78,177	79,423	73,185	71,863	74,527	74,919	75,115
1884.....	76,877	82,538	86,328	87,852	88,645	93,292	91,251	88,495	86,221	89,196	107,429	82,465	88,306
1885.....	84,119	89,959	93,029	104,513	100,802	100,238	108,823	101,329	97,900	96,817	102,705	102,497	99,005
1886.....	104,197	110,325	116,024	117,869	125,294	113,471	112,438	117,677	109,728	110,460	115,103	110,148	113,615
1887.....	114,022	119,148	123,040	124,912	118,743	122,714	126,925	132,178	121,938	122,659	154,096	122,419	125,225
1888.....	120,657	126,891	137,123	136,490	135,921	140,525	128,897	123,852	113,894	127,724	131,777	59,098	128,676
1889.....	130,947	126,446	130,828	132,348	131,578	148,576	142,653	134,236	130,016	128,670	135,527	147,786	134,059
1890.....	136,365	141,885	142,655	143,533	136,923	130,414	125,156	125,190	124,497	120,304	139,020	130,850	132,957
1891.....	136,926	139,769	144,467	156,196	141,953	141,733	141,858	139,707	138,025	137,294	140,524	145,707	142,022
1892.....	148,232	155,402	159,849	162,563	161,804	169,096	170,430	166,259	171,053	163,626	173,070	168,430	164,175
1893.....	171,818	180,019	188,567	191,933	196,218	202,267	201,591	203,216	190,481	188,966	192,575	200,589	192,495
1894.....	206,388	204,471	207,590	206,285	198,495	195,865	232,022	191,071	185,595	186,070	198,017	197,256	200,881
1895.....	198,947	207,246	211,378	212,992	205,732	202,605	201,378	195,907	193,311	195,562	202,553	202,762	202,496
1896.....	208,781	213,032	216,542	212,104	209,945	210,265	206,272	193,853	189,106	190,700	206,609	200,479	204,724
1897.....	201,340	208,779	226,392	231,396	222,560	217,707	212,111	219,557	229,763	238,603	228,113	232,997	222,595
1898.....	239,065	249,951	260,222	295,313	338,695	310,820	298,526	279,243	262,061	257,339	259,085	254,947	275,514
1899.....	260,995	266,761	267,597	266,677	253,148	252,405	249,243	250,598	250,564	256,681	271,733	269,975	259,562
1900.....	279,219	287,116	288,389	286,657	275,427	272,598	262,081	261,109	268,278	276,960	280,789	271,384	275,788
1901.....	281,609	287,113	292,285	295,874	283,297	281,638	275,910	271,783	304,780	292,918	295,635	286,526	288,156
1902.....	304,466	309,198	310,385	305,825	300,007	307,406	301,915	305,133	299,607	302,895	303,883	300,589	304,218
1903.....	304,870	310,033	311,771	311,374	302,644	306,305	297,500	294,147	295,351	301,732	312,165	319,518	305,534
1904.....	321,898	338,458	338,784	333,324	320,867	319,064	310,249	310,677	309,431	309,212	314,616	307,765	319,539
1905.....	315,800	317,994	325,024	322,607	325,373	318,204	306,335	302,624	301,714	301,560	305,211	308,865	312,637
1906.....	318,373	325,877	328,589	336,797	320,312	316,595	313,428	311,351	309,372	311,133	313,521	313,344	318,185
1907.....	322,586	336,876	337,125	336,366	324,524	320,681	312,069	308,511	310,822	320,136	323,614	324,845	323,079
1908.....	334,006	338,955	343,811	336,453	324,474	324,372	314,569	311,147	313,850	318,928	326,050	322,278	325,674
1909.....	328,925	334,399	337,599	334,429	325,881	325,791	315,633	311,885	318,444	321,928	329,251	324,682	325,698
1910.....	332,374	336,242	338,493	332,346	331,200	328,137	316,951	316,558	316,844	321,346	315,828	314,309	325,028

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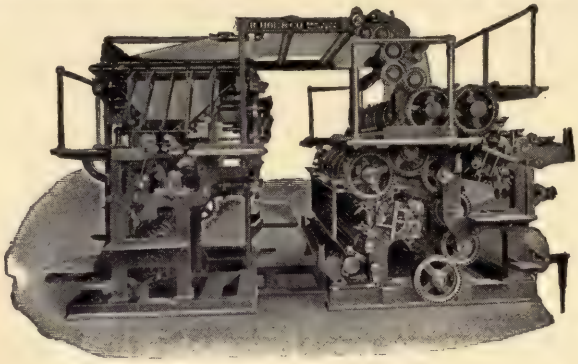

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